Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 JULY 11, 1938 Number 2

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SINCE the last issue of this catalog, 28 new industrial chemicals were made commercially available "for the first time." In fact, the frequent announcement of a new synthetic organic chemical has become a characteristic of Carbide and Carbon Chemicals Corporation.

Specifications, properties, and uses of its 105 products, grouped in 12 families, are included in the 1938 Edition. The properties of these new chemicals (which are listed opposite) have been added, as well as a complete new section on "Tergitol" penetrants. The solubility table has been augmented to include data on 71 solvents, and a new column indicating their solvent power for rubber has been inserted. The coupon below is for your convenience in obtaining a copy.

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 134 JULY 11, 1938 Number 2

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Pollution Control Of Delaware Ruled

Philadelphia, Pa., July 6, 1938

Formal ratification by administrative agencies of New York, New Jersey, Pennsylvania and Delaware of a reciprocal agreement for correction and control of polluted water has been completed by the interstate commission on the Delaware River Basin.

Minimum requirements for the attainment of correction and control have been set up. The establishment of minimum requirements was made because no single standard of sewage and waste treatment would be practical for all parts of the river, as a result of such variable factors as location, size, character and flow, and of the many varied uses of the water. In order to apply these minimum requirements, the interstate Delaware river has been divided into four zones, which are as follows:—

Zone 1 is that part of the Delaware river and its west branch extending from the New York-Pennsylvania boundary line to the head of tidewater at Trenton, New Jersey, and Morrisville, Pennsylvania.

Zone 2 is that part of the Delaware river extending from the head of tidewater at Trenton, New Jersey, and Morrisville, Pennsylvania, to a line drawn perpendicular to the channel of the Delaware river from the mouth of Pennypack creek in Philadelphia, Pennsylvania, to the corresponding point on the New Jersey shore.

Zone 3 is that part of the Delaware river extending from the aforesaid line connecting the mouth of Pennypack creek in Philadelphia and the corresponding point in New Jersey to the Pennsylvania-Delaware boundary line.

Zone 4 is that part of the Delaware river extending from the Pennsylvania-Delaware boundary line to the Atlantic Ocean.

The minimum requirements in the various zones provide that effluent shall be free of noticeable floating solids, color, oil, grease or sleek, as well as free of alkalis, acids and other toxic or deleterious substances. Other portions of the requirements are:—

That effluent in zone 1 shall show a reduction of organic substances of 85 percent as measured by the bio-chemical oxygen demand, and furthermore, such effluent in no case shall exceed a bio-chemical oxygen demand of fifty parts in each million, and furthermore, the discharge of such effluent, after dispersion in the water of the river, shall not cause a reduction of the dissolved oxygen content of such water of more than five percent. The aforesaid reduction in dissolved oxygen content shall be determined by the average results obtained from dissolved oxygen tests made upon samples collected on not less than six consecutive days from points in the river above and below the point or points of effluent discharge.

Such effluent shall be of such quality

—Continued on page 34

Pennsylvania Workweek Law Held Invalid

The Supreme Court of Pennsylvania in a unanimous decision has declared unconstitutional the State law fixing a maximum work week of forty-four hours for industry. The State's highest court, upholding the decision of a country court, invalidated the maximum hours law on the grounds that (1) "It delegated to the Department of Labor and Industry the power to make law for the regulation of labor." (2) "It attempts to give to Federal authority—whether Congress, executive commissoin, or other agency not yet appearing—plenary power to regulate working hours in Pennsylvania."

The court said that the delegation of discretionary power to the secretary of labor and industry to make exceptions in the application of the law was "the greatest delegation of power to one man ever attempted in this State," and declared that this power could be exercised to "close up certain industries and allow others to operate." The fact that farmers were excluded from operation of the law was called discrimination in the opinion of one of the justices.

The challenge of the constitutionality of the law was instituted by the Holgate Brothers Manufacturing Company, Kane, and 800 other employees joined in the suit.

Drug Law Rules Due This Month

OPD Washington Bureau
July 7, 1938

First regulations under the new food, drug and cosmetics act probably will be issued within two weeks, applicable to those sections which took effect immediately on signature of the bill.

One of these deals with shipment of new drugs for experimental work and not for consumption. Another will deal with cosmetic labeling.

The regulations will be effective when issued, but will be subject to revision later when hearings are held on tentative regulations covering sections of the law not effective until next June.

Petroleum Cracking Patents Adjudicated

OPD Washington Bureau
July 5, 1938

Successful operation of laboratory equipment may constitute "reduction to practice" of an invention within the meaning of the patent laws, the United States Court of Customs and Patent Appeals has ruled in ending a patent controversy of long standing. It upheld the board of appeals of the Patent Office in granting Robert E. Humphreys a patent for a process for cracking naphtha bottoms for motor fuel, rejecting claims of William R. Howard.

Howard filed an application September 8, 1919, and received a patent, while Humphreys filed an application March 31, 1922, and also received a patent. The controversy arose over applications for reissue patents. Humphreys showed that he conceived the idea in the Summer of 1917 and claimed that he reduced it to practice in September, 1917, but Howard contended Humphreys did not do this until 1920. The proceedings showed that Humphreys was an oil chemist for the Standard Oil Company of Indiana, at Whiting, Ind., and in the Summer of 1917 was working on the problem of utilizing naphtha bottoms, at that time a waste product of petroleum cracking. In September he obtained satisfactory results from a 20-gallon laboratory still of original design, and recommended construction of a commercial-size still for further experiments. Because of pressure of war orders, however, steel could not be obtained for construction of this still at that time and it was not put into operation until 1920, when it proved satisfactory. The court held that Humphreys' satisfaction with his laboratory experiments and his orders for the construction of a commercial still were proof that the invention had been reduced to practice in September, 1917, and awarded him priority of invention.

The patent appeals court has also

—Continued on page 52

Peddlers License Held Invalid in New Jersey

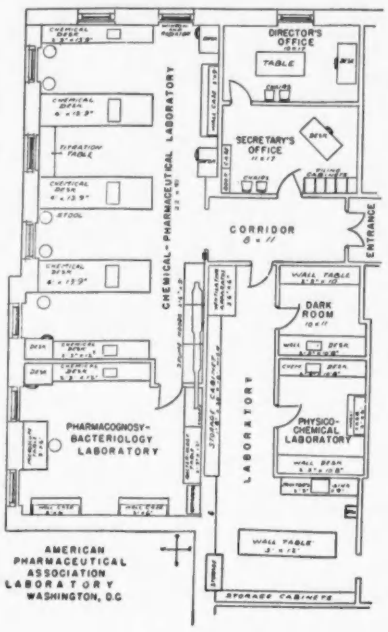
Trenton, July 7, 1938

Municipalities have no authority to require a license of solicitors of orders for goods to be shipped into new Jersey from outside the State, the supreme court ruled today. The court reversed the conviction of two salesmen for a Pennsylvania coffee company on charges of violating an ordinance in Dunellen requiring transient salesmen to have a borough license.

The salesmen took orders for shipments of coffee from Easton, Pa., and were delivering the goods when they were arrested. The supreme court held that to require them to have a license when the sale of the goods was made outside the State was to burden interstate commerce by taxation, something that the State and its instrumentalities had no authority to do.

A.Ph.A. Research Laboratories In Washington Opened

The American Pharmaceutical Association has opened its new research laboratories in the American Institute of Pharmacy, Washington. The laboratories will be used for establishing and improving standards of purity, quality, and strength of drugs and medicines for the National Formulary, the United States



Pharmacopeia, and the Pharmaceutical Recipe Book. For years this work has been carried on solely by the voluntary contributions of research workers in laboratories of manufacturers and educational institutions scattered throughout the country. The dependence of the United States government on the U.S.P. and N.F. standards under the Federal food, drugs, and cosmetic act and the need for constantly seeking improved forms of medication has led to the establishment of "pharmacy's own research laboratory."

When the Institute of Pharmacy, headquarters building of the American Pharmaceutical Association, was planned in 1930, provision was made for the installation of research laboratories, and the association has worked diligently for the accomplishment of these plans. The association began an experimental research program two years ago in the laboratories of the University of Illinois College of Pharmacy, Chicago, and in this comparatively short space of time has contributed much to the improvement of official medicines. The experimental program embraced 123 assignments, of which eighty-seven have been completed and thirty-three are as yet unassigned.

Gathercoal to Direct Work

The research has been carried on under the direction of Dr. E. N. Gathercoal, chairman of the National Formulary revision committee and president of the American Pharmaceutical Association, who will serve as director of the new laboratory. The association has appointed a committee to supervise the activities of the laboratory, consisting of Dr. George D. Beal, assistant director of the Mellon Institute of Industrial Research, Pittsburgh, chairman; Carson P. Frailey, secretary of the American Drug Manufacturers Association, Washington; Charles B. Jordan, dean of the School of Pharmacy of Purdue University, Lafayette, Ind.; John C. Krantz, jr., of the Department of Pharmacology, School of Medicine, University of Maryland; Joseph Rosin, of Merck & Co., Rahway, N. J.; with the chairmen of the U.S.P., N.F. and recipe book revision committees as ex-officio members.

The new laboratory was especially designed for the particular work to be conducted, and provision has been made for all the types of equipment adapted to the testing of drugs, arranged for maximum efficiency, with adequate provision for future growth. The main room is designed for chemical and pharmaceutical work. Separated by a glass partition is a smaller laboratory for pharmacognosy and bacteriology, with special equipment for this purpose.

Immediately off the main laboratory room is the office of the director and the secretary, and across the corridor is a large workroom with storage space and place for heavy equipment. There are also two small rooms especially designed and equipped for darkroom work and constant-temperature experiments.

Three Purposes at Present

Three types of work will occupy the laboratory staff for the present:—(1) Serving as a central clearing house for coordinating the voluntary work which in the past has been the sole method of N.F. revision; (2) attempting to develop

—Continued on page 46

Swift & Co. Appeals Wallace Order

Swift & Co., meat packer, Chicago, has filed an appeal in the United States District Court from an order issued by Harry Wallace, Secretary of Agriculture, to cease alleged "unfair, unjustly discriminatory and deceptive" practices in the sale of its products.

Secretary Wallace, in an order becoming effective June 3, contended that Swift & Co. has violated the Packers and Stockyards act from 1930 to 1937. The alleged violations, according to the order, included:—Denying certain purchasers discounts while granting them to others; requesting some purchasers to pay for meat at factory weights and others at weights when sold to consumers; and giving long-term credit to some purchasers and short-term credit to others.

The company contends that Secretary Wallace was without jurisdiction in the case, because the order was based on a case pertaining to practices in intrastate commerce. The appeal pointed out that proceedings against the company were started September 30, 1936, and hearings began in New York on January 11, 1937, and were concluded five months later. The original complaint, the company further stated, contained eight charges, of which the company was acquitted of seven, and that two additional charges were added after the hearings opened.

The company further said that the evidence showed that Swift & Co. gives no discounts but that a local subsidiary in New York City, competing with middlemen, gave discounts to a small number of customers. The evidence failed to establish, the company said, that any discount given by the subsidiary was unreasonable, or that any buyer was substantially injured.

S.E. Massengill Indicted In Sulphanilamide Case

Dr. S. E. Massengill, trading as the S. E. Massengill Company, was indicted June 30 by a Federal grand jury in Kansas City, Mo., on charges of shipping misbranded "elixir of sulphanilamide" in violation of the food and drugs act. The charges were based on a shipment from Kansas City to Tulsa, Okla.

The indictment has three counts. The first charges that the product was not elixir of sulphanilamide but "sulphanilamide in a poisonous solvent of diethyleneglycol and water." The second count charges "false and misleading" labeling. The third charges that the contents were "not superior and not suitable" for the purpose stated in the label.

Closing Market Developments

London Closing Cable

LONDON, July 8, 1938

Stocks of shellac in London warehouses on July 1 totaled 128,802 packages of which quantity 127,169 packages were orange.

Precipitated Phosphate Up

Importers of precipitated dicalcium phosphate were unable to confirm 76c. per unit for shipment as last week drew to a close. Foreign shippers wanted 81c. per unit but there were no trades consummated at the higher basis.

Chinawood Oil Firm

Chinawood oil was firm late in the week, sales being reported on Friday at 11.5c. per pound for spot oil in tankcars. A fair volume of business was reported to have been closed for the week, mainly for shipment to interior points.

Leaded Zinc Oxides Up

Prices for 35 percent leaded zinc oxide domestic pigment was advanced late Friday, with bag prices listed at .0590c. to .0615c. per pound, according to quantity; barrels, .0615c. to .0640c. per pound, according to quantity. Prices for 50 percent listed bags at .0592c. to .0617c. per pound, according to quantity, with the usual differential on barrel shipments.

Cottonseed Oil Higher

Cottonseed oil futures were active and higher late in the week, the market being influenced by the government report on Friday putting the cotton acreage at 26,904,000 acres against 34,471,000 in the previous season and 37,380,000 acres two years ago. These figures caused general buying and an advance to 8.65c. for October and 8.68c. for December, showing a rise of 41 to 44 points as compared with the closing prices of the previous Friday. Crude oil was firmer in Southern markets, 7⅜c. being quoted in the Southeast.

Tin Salts Lower

Prices for various tin derivatives eased fractionally later in the week. Tin crystals were quoted at 34½c. to 35c. per pound; anhydrous tetrachloride of tin 21¾c. per pound and soda stannate at 29c. to 32c. per pound. Straits tin declined to 42.70c. per pound. International Tin Committee announced details of its buffer stock scheme establishing an initial contributory buffer pool of 10,000 tons to be held to aid price maintenance between £200 to £230 per ton. An executive agency answerable to the committee will be appointed to operate the pool. Signatory nations will contribute to the stock of tin maintenance in the buffer in proportion to their standard tonnages as fixed by the tin control agreement.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Copra:—The Netherlands Indian government has removed the one percent ad valorem "defense" export duty on all copra exported from the main producing areas of the colony.

Cuban Secretaries: Article XIII of the notarial law of Cuba, recently amended, which provides that the position of secretary of firms and corporations doing business in that country be filled by Cuban attorneys, has been changed to except from the terms of the article corporations which are lawfully organized under foreign laws and which maintain their governing boards in a country other than Cuba.

Food Coloring:—The use of coloring matter of any kind, even as a condiment, in the manufacture and sale of food pastes is prohibited in Uruguay.

Egg Flake Products Held Dutiable as Dried

Flake egg yolk and flake whole eggs have been held by the United States Customs Court, Third Division, to be dutiable as dried egg products, and not as yolks or whole eggs frozen or otherwise prepared or preserved. In making this decision the court ruled that, in providing for "dried whole eggs" and "dried egg yolk" in paragraph 713 of the acts of 1922 and 1930, Congress referred to the products from which moisture had been driven to the extent that it would not be noticeably present, and that the term, "dried" is a relative one and any drying which would be sufficient to render the eggs nonliquid may be sufficient to bring them within the purview of the provision.

Chemical Price Trend Upward

Predominance of advances among price changes in the markets for heavy and fine chemicals last week turned the general trend noticeably upward. Copper, tin, and lead derivatives were important factors in the raising. The Japanese flood brought a boost in menthol prices. Competition lowered the vanillin schedule farther.

The holiday influence curtailed the volume of the movement of materials somewhat; but the increase in demand showed signs of spreading to new areas. Forward buying was still unusual.

Prices were advanced on electrolytic copper, blue vitriol, red and black oxides of copper, Straits tin, tin crystals, oxide and tetrachloride of tin, stannate of soda, lead, red lead, white lead, litharge, zinc dust, J1 myrobalans, menthol, agar, gum rosin, some East Indian copals, domestic and imported tankage, and domestic bone at Chicago. Prices were reduced on silicofluoride of soda, J2 myrobalans, vanillin, gum turpentine, and phosphotungstic toners.

The REPORTER'S composite index number of prices for heavy and fine chemicals was elevated to 125.7 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.0, compared with 90.0 at this time last year and 88.6 in 1936.

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OPD Forum

An Outlet for Individual Opinion

(Anonymous communications will not be recognized; but publication of a signer's name will be withheld at request.)

Business Cards

To the Editor,
OIL, PAINT AND DRUG REPORTER.
Sir:—

When salesmen call upon us at Sparkill we find a wide variety of business cards. They differ in size, proportion, thickness, and weight. Most of them, however, are of such limited area, nothing but the merest data is possible.

We speak for ourselves, as well as for the average business man:—What is he supposed to do with such a piece of stationery If placed in a drawer, it is lost. If stuck under the desk blotter it is later cleaned out. If handed to the stenographer she may pin it onto a letterhead and file it. But in the majority of cases it is thrown by the purchasing agent into the wastepaper basket.

We use and advise a standard 3 x 5 card. If it is tabbed at the top with the firm's name, or class of business, all the better. These fit the regular office filing drawers, a proper place for them. If required for later reference, they are available. In fact we paste the cards of salesmen we wish to keep on standard 3 x 5 filing cards, having our own classification tabs for their type of materials.

Many salesmen no doubt will prefer a small individual card for their personal convenience. But that would not prohibit their carrying a stock size and regulation form—to be used for a permanent record.

As some one has said, the average letter file is either a gold mine, or a morgue. We don't want to "murder" any salesmen, but we would like to place their names in a cemetery, at least where their resting place is marked.

Sparkhill, N. Y. SPARHAWK COMPANY
July 5, 1938 Charles V. Sparhawk

Chemists Employment Registrations Increase

The Chemist Advisory Council, 300 Madison avenue, this city, received during May and June 164 new registrations from chemists and similarly trained persons in search of employment. This number compares with 196 registrations received during the first four months of this year. Of the registrants in May and June, twenty had Ph.D. degrees with or without industrial experience; eighteen had M.A. or M.S. degrees and more than one year's experience; forty-five had B.S. or Ch.E. degrees and two or more year's experience. The industrial experience of these 83 registrants ranged up to more than twenty years, and their ages up to more than forty-five years, the majority being less than thirty-five years old.

Other registrants during the two months included seventy-six with B.S. or M.A. degrees and less than the respective terms of experience stated above, or with foreign degrees not exactly classifiable as to educational status, there was also five nongraduate registrants with more than five years each of industrial experience sufficient to qualify them as chemists or chemical engineers.

Only eleven of those registered with the council have reported that they secured employment during May and June.

Chemical Salesmen's Ass'n to Golf at Garden City July 12

The Salesmen's Association of the American Chemical industry will hold its second tournament of the season at the Garden City Country Club, Garden City, Long Island, July 12. The entry fee is $4 per person. Lunch is extra at $1 per person and dinner is listed at $1.50 per person. B. F. Sheehan, jr., of the Grasselli Chemical department of E. I. duPont de Nemours & Co., Empire State building, is chairman of the entertainment committee.

British exports of chemicals, drugs, dyes, and colors amounted to £1,833,400 in April, this year, compared with £2,174,800 in April, 1937.

Mexico Completes $10,000,000 Oil Sale

Mexico City, July 6, 1938

W. R. Davis & Co., New York, has made arrangements for the purchase of $10,000,000 worth of oil from the Mexican government, according to W. F. Flanley, a representative of the Davis organization.

Shipments of the oil, Mr. Flanley explained, must necessarily come from the expropriated United States and British properties since production from the non-expropriated properties is not sufficient to fill more than 20 percent of the order. The shipments will be made in twenty-six Swedish, German, Norwegian and British tankers which are under lease for six months. It was pointed out that heretofore the Davis company has handled only oil produced in wells owned by the government before the expropriation.

Of the payment, 60 percent will be received in machinery from Germany and Sweden and rayons from Italy. The remaining 40 percent is payable in dollars.

Doran to Quit As Distillers Head

OPD Washington Bureau
July 5, 1938

James M. Doran, who has been acting as executive head of the Distilled Spirits Institute, as well as its technical director, since the death of W. Forbes Morgan, president, in April, 1937, has asked to be relieved of the executive duties by September 1. In a letter, making this request, to Owsley Brown, chairman of the institute's board, Mr. Doran emphasizes that his ability, as well as his personal desires, run to the purely technical aspects of the problems of the distilling industry.

Mr. Doran's request will be considered by the institute's board at its next meeting, July 18. Members of the board have said that, regardless of the action that may be taken to fill the office of president vacated by the death of Mr. Morgan, Mr. Doran would continue with the institute in the capacity of technical adviser.

Mr. Doran has sailed for Europe. The major purpose of his trip is a study of manufacturing practice and the working of the excise system in the distillation industry in the United Kingdom.

Daggett & Ramsdell Agrees To Reform Advertising

A stipulation to discontinue misleading representations in advertising three cleansing creams has been entered into with the Federal Trade Commission by Daggett & Ramsdell, this city. The preparations are elorda cream, golden cleansing cream, and elorda revitalizer cream.

The respondent company agrees to stop advertising that these creams will seep into the skin and dislodge or eliminate waste matter, dead tissue cells, or other impurities, or that they will keep the skin beautifully soft and youthful, or have any effect on enlarged pores, lines, or wrinkles.

Jergens Co. Enters Ad Stipulation with F.T.C.

Under a stipulation entered into with the Federal Trade Commission the Andrew Jergens Company, Cincinnati, agrees to cease advertising in the sale of Jergens lotion that the preparation keeps the hands young, prevents them from getting rough or old looking, and is effective in helping to protect against staining or discoloring of the hands. The representation that use of the product will restore the natural oils or moisture to the hands also will be discontinued.

The respondent company admits that its advertising claims are based primarily on the theory that Jergens lotion replaces moisture lost by the skin, when, the commission says, according to reliable scientific authority, loss of moisture through the skin is a normal function and cannot be resupplied by a lotion.

Totuava livers have been held by the United States Customs Court, First Division, to be importable free of duty as a crude drug under paragraph 1669 of the tariff act. The totuava is a fish that is also known as the sea bass. The livers are used as a material from which to manufacture an oil containing certain vitamins.

Oils Freight Boost On Imports Urged

OPD Washington Bureau
July 6, 1938

An examiner's report today recommended that the Interstate Commerce Commission order an increase in the freight rates on imported vegetable oils and oil-bearing materials from seaports to midcontinent destinations.

The complaint in the matter, brought by the Mississippi Cottonseed Crushers Association (Docket No. 27747), also attacked domestic rates on domestic vegetable oils and oil-bearing materials within the United States, but the examiner found no proof that these rates were unreasonable. He found that lower rates on competitive imported oils and on oil-bearing materials crushed in transit have been established by the railroads in an effort to induce this traffic to move through ports served by them and that the import rates have been brought so low as to constitute prejudice and discrimination against rates on domestic products.

Minerals Development Planned By Raw Materials Council

A strategic minerals committee of the Raw Materials National Council is being formed to encourage further development of the strategic and deficiency mineral resources of the United States, according to J. Carson Adkerson, president of the council.

The Raw Materials National Council, with headquarters in Sioux City, Iowa, was formed in 1936 to obtain parity treatment for raw material products of American forests, farms, and mines. Strategic minerals listed by the War Department include manganese, tungsten, nickel, chromium, antimony, tin, platinum, mercury, mica, and nitrates.

Whaling Conference Agrees To Antarctic Sanctuaries

London, July 5, 1938

Sanctuaries for whales, where they will be protected from deep-sea hunting, have been set up by a protocol signed at the international conference on whaling, which has just concluded a ten days' session here.

A final act in the nature of a commentary on the protocol, and a report of the salient features of the discussions which took place and certain recommendations to the governments concerned as to problems affecting the conservation of whales were also signed.

The protocol, embodying provisions additional to the agreement of last year, forbids for one year to take and treat humpback whales by means of any pelagic expedition in Antarctic waters. Evidence before the conference showed that there was grave danger of excessive depletion of the stock of humpback whales.

Moreover, it was agreed as a preliminary measure to protect the humpback stock in the Antarctic and to recommend the governments to study the question of protection of the stock of humpbacks further with a view to giving them complete protection for a suitable period after the expiration of a year.

Another article of the protocol established a sanctuary for two years for baleen whales in a sector of the Antactic between Graham's Land and the Ross Sea, and the principle of sanctuaries is further extended by the absolute protection of all whales against pelagic whaling in the Arctic. Under the previous agreement, protection had already been given to all baleen whales against pelagic whaling in practically all the waters between the Antarctic and the Arctic.

Eight countries have ratified or acceded to the agreement of 1937. The position with regard to the other countries represented by delegates at the conference is as follows:—Argentina, one of the original signatories of the agreement of last year, is enforcing the agreement by executive decree, and formal ratification is only a matter of time. The ratification by the governments of Australia and South Africa is delayed only by formal constitutional difficulties. Denmark has notified its intention of acceding to the agreement, and France is also prepared to accede.

It is stated to be a matter of very great satisfaction to all the other governments concerned that Japan has signed the final act of the conference, which includes a statement that the Japanese government is prepared to take the necessary legislative and other measures to enable it to accede to the agreement of 1937 and the protocol after the interval of a year, and will in the meantime observe the principles of the agreement of last year as nearly as circumstances will permit.

The following countries sent delegates to the conference:—United States, South Africa, Argentina, Australia, Canada, Denmark, Eire, France, Germany, United Kingdom, Japan, New Zealand, and Norway. An observer also attended on behalf of Portugal, and the interests of Newfoundland were watched by the British delegation.

Colgate-Palmolive-Peet Vice-President Bailey

B. W. Bailey has been elected vice-president and a director of the Colgate-Palmolive-Peet Company, Jersey City, N. J. Mr. Bailey will be responsible for the company's soap business west of the Mississippi river. His offices will be in Kansas City and Berkeley, Calif.

Mr. Bailey was at one time vice-president of the Peet Brothers Soap Company, now part of the present concern, and later president of the Kirkman Soap Company, Brooklyn.

Cottonseed Products Ass'n State Divisions Elect

In its annual meeting June 20 and 21 the North Carolina Division of the National Cottonseed Products Association elected the following officers and directors:—Chairman, C. S. Ragan, of the Southern Cotton Oil Company, Goldsboro; vice-chairman, R. S. Oliver, of the Planters Cotton Oil & Fertilizer Company, Rocky Mount; secretary, Mrs. M. U. Hogue, Raleigh; directors, W. H. Hasty, Maxton; F. N. Bridgers, Wilson; L. M. Sneed, Raleigh; F. Simons, Columbia, S. C.; J. I. Morgan, Farmville; F. F. Schrum, Newton; J. B. Thomas, Raeford.

Meeting jointly with the North Carolina crushers, the South Carolina division of the national association elected:—President, W. T. Mikell, of Swift & Co., Columbia; vice-president, E. H. Lawton, of the Lawton Oil Mills, Hartsville; secretary, B. F. Taylor, Columbia.

At its annual meeting in Sulphur June 25 the Oklahoma Cottonseed Crushers Association elected the following:—President, C. R. Van Valkenburgh, of the Chickasha Cotton Oil Company, Chickasha; vice-president, A. R. Wright; chairman of directors, L. Huston; directors, S. Boswell, A. King, E. Shotwell and H. Cook.

The Alabama-Florida Division of the National Cottonseed Products Association met in Pensacola June 27 and 28. The annual election resulted in the choice of the following:—Chairman, L. T. Solomon, of the Home Fertilizer & Oil Works, Headland, Ala.; executive secretary, T. R. Cain, Montgomery; chairman of the administrative board, J. H. Bryson, of the Dothan Oil Mill Company, Dothan, Ala.; other members of the board, E. P. Kidd, Birmingham; J. E. Major, Montgomery; J. F. Glass, Uniontown, Ala.; F. W. Hurston, Cullman, Ala.; E. L. Newman, Montgomery; and W. T. Graham, Talladega, Ala.

Oil Companies Officials Subpoenaed for U.S. Jury

Madison, Wis., July 6, 1938

Thirty officials of major oil companies have been subpoenaed to appear before a Federal grand jury in this city July 12. The subpoenaes demand that the officials produce meeting transactions since December 12, 1936. They will appear just a week before Judge P. T. Stone asked those convicted at the first trial early in the year to appear and make their pleas for dismissal before being sentenced.

Two Years of the Patman Act

A Survey of Efforts to Correct Price-Discrimination

By Mitchell M. Shipman
Counselor-at-Law

Continued from July 4 issue

Fourth Instalment

Discount Practices

The field of discount practices presents a number of very interesting and perplexing problems under the Patman act. Many of these still remain unanswered. On the other hand, an analysis of the various opinions, complaints, and decisions rendered by the Federal Trade Commission up to the present time does reveal at least the commission's definite position with respect to the particular discount practice involved. Let us consider some of the more basic types of discounts and the Federal Trade Commission's attitude thereon as evidenced by the various complaints, opinions and decisions to date; for example:—

1. Functional or trade discounts.
2. Quantity discounts.
3. Volume or cumulative discounts.
4. Cash discounts.

Functional or Trade Discounts

One of the vital questions that bothered many of us at the time of the passage of the act was the legality of functional trade discounts. Could a manufacturer allow a trade discount to his wholesalers and deny the same discount to his retailer? The writer took the position from the very beginning that bona fide functional or trade discounts were entirely legal under section 2 (a) of the act and should be continued as a legitimate merchandising and pricing practice.[32] An analysis of the various opinions and decisions of the commission to date definitely confirms the fact that bona fide trade discounts will not be objected to by the commission.

The commission's recognition of the legal validity of functional or trade discounts may, for one thing, be evidenced by its refusal to issue citations in a number of complaints filed with it involving trade discounts.[33] There is, for example, the case of a manufacturer of beverage syrups[34] who gave to his buyers who were bottlers, a higher discount than allowed to his jobbers who supplied soda fountains. The commission refused to cite this manufacturer and closed its files. The commission likewise refused to issue a complaint in the case of a manufacturer of tire-retreading machines[35] who gave his distributors (wholesalers) a discount about 20 percent higher than that given to service station operators (retailers). The commission in its report on this case stated among its reasons for refusing to issue a citation the fact that ". . . the functional discount does not affect competition."

Supporting Decisions

In addition to the various informal opinions by the commission where functional or trade discounts were accepted as lawful, there are a number of official decisions by the commission which may be interpreted to support the le-

[32] See writer's article in Standard Remedies, August, 1936, "Status Under the Robinson-Patman Act of Price Differentials Based on Function or Type of Customer."

[33] Chairman Ayres' Report to Representative Patman, 81 Congressional Record 12456 (August 25, 1937).

[34] Case No. 32, Chairman Ayres' Report, supra.

[35] Case No. 62, Chairman Ayres' Report, supra.

—*Continued on page* 32

Courtesy of Valentine & Co., Makers of Valspar.

Triple-Acting Stearates

In the making of paints and varnishes, stearates are used as flatting agents, as water-repellents, and as suspension mediums to prevent settling of heavy pigments. The unique properties of these chemicals particularly fit them to these as well as to many other industrial uses.

Let the ACID-BASE RATIO GOVERN YOUR USE OF STEARATES

Mallinckrodt Stearate Research increasingly shows the importance of the acid-base ratio when oils and solvents are treated with Aluminum Stearate. The three new grades (mono-, di-, and tri-acid) provide the complete range of acid-base ratios, to facilitate the manufacture of paints, varnishes, waterproofing materials, greases, and a wide variety of similar products.

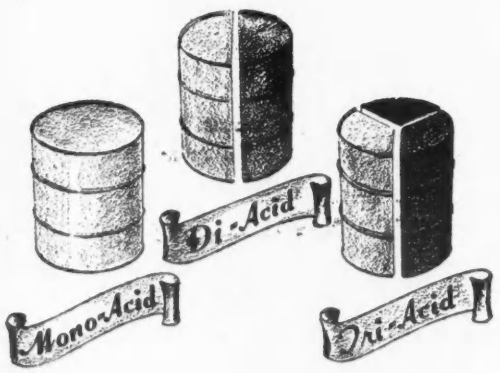
The mounting popularity of Mallinckrodt Stearates attests their quality. They are carefully manufactured to definite chemical standards, assuring uniformity of each successive lot. Complete data on chemical and physical characteristics and uses of Mallinckrodt Stearates will be gladly sent to you on request.

Numbered among these useful chemicals are:—

5 GRADES OF ALUMINUM STEARATE
2 GRADES OF CALCIUM STEARATE
2 GRADES OF ZINC STEARATE

Each grade has its own unique properties.

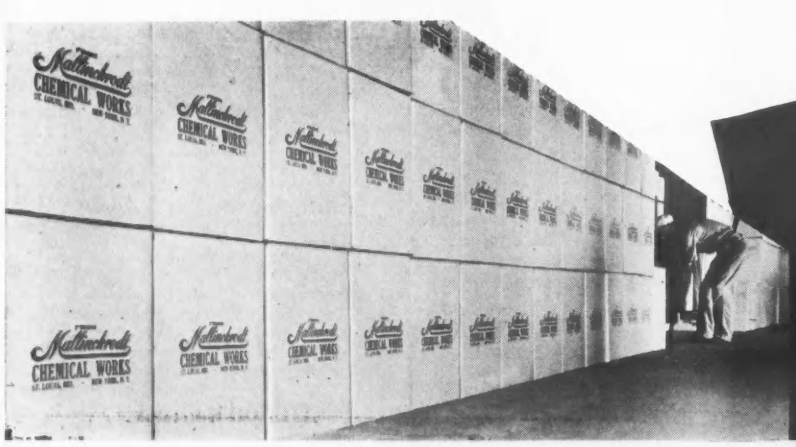
Industrial-Pharmaceutical Price List Sent on Request



Mallinckrodt

CHEMICAL WORKS

2nd and Mallinckrodt Sts., St. Louis, Mo. 72 Gold St., New York, N. Y.
CHICAGO PHILADELPHIA MONTREAL TORONTO



Current Market Quotations

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When not otherwise indicated, quotations are f. o. b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd.....lb. .16 - —
Acetamide, CP, kgs., 1,000 lb. lots, dlvd..lb. .44 - —
tech., kgs, 1,000 lb. lots, dlvd. lb. .39 - —
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs, 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kegs, 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l.....lb. .08¾- —
l.c.l. .....lb. .09 - .12
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.16 - 4.46
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
USP, bbls.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.68 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys. .....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11¼
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.00 - 3.25
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -123.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., ex whse.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
U.S.P., $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, cns.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17½- .18
Chinawood oil, dms.....lb. .15 - .15½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N. Y..lb. .15¼- .17½
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .22 - —
10,000 lb., lots, one shipt., lb. .22½- —
smaller lots .....lb. .23 - —
kegs .....lb. .23½- —

Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt..lb. .25 - —
smaller lots .....lb. .25½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls. .....lb. .57 - —
Coconut oil, dist., dms.....lb. .09 - .09½
Corn, dist., dms.....lb. .06¾- .07
Cottonseed oil, dist., dms....lb. .06¼- .06¾
tanks .....lb. .0575- —
Cresylic, high-boil, dom., c.l., works, frt. equaled..gal. .73 - —
l.c.l., same basis.....gal. .74 - —
low-boil, dms., c.l., works frt. equaled..gal. .78 - —
l.c.l., same basis.....lb. .80 - —
imported, dms. .....gal. .70 - .80½
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd...lb. .20 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 200 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots. .....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11¼
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11¼- .12¼
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21¼- .22¼
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., dms.....lb. .18 - .20
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1050- .1100
extra white, dist., dms....lb. .12½- .13
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., l.c.l.....lb. .33 - —
Malic powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs...lb. 1.90 - —
smaller lots .....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys....lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —

Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works.... 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11¼- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, d. dist., dms.....lb. .0650- .0740
s. dist., dms.....lb. .0590- .0680
Perilla, dist., dms.....lb. .1375- .1425
Phenylacetic, bots. .....lb. 1.75 - 3.00
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1,710, cbys. 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07¼
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst , cns.....lb. 1.45 - 1.63
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., divd. E. gal. .25 - —
Ricinoleic, dms .....lb. .35 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., divd..lb. .11 - .12
single pressed, bgs., divd.lb. .10½- .11¼
triple pressed, bgs., divd..lb. .13¾- .14¾
saponif., double pressed, bgs., divd..lb. .11¼- .12¼
triple pressed, bgs., divd.lb. .14 - .15
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06¼- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .27½- —
smaller quantities.....lb. .27¾- —
kgs. .....lb. .28¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs, works....lb. 2.85 - 3.10
tech., kgs., works.....lb. 1.90 - 2.00
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar 1, bls.....lb. .90 - .95
2, bls.....lb. .85 - .90
3, bls. .....lb. .63 - .65
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld....lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
lots..lb. .88 - —
smaller lots, same basis. lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., cryst., bbls., lb. .82 - .84
dom., pwd., dms., bbls., lb. .86 - .88
import, cs.....lb. .82 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- .10
l.c.l., same terms.....lb. .10 - .10¼
tanks, same terms.....lb. .08¾- .09
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —

Acacia—Alum

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.90 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots. .....lb. 2.00 - 2.90
Denatured, CD14, dms., c.l., works, E..gal. .35 - —
l.c.l., works, dms., to jobbers..gal. .38 - —
works, dms., to dealers and industrial accounts. gal. .40 - —
tanks, E., works.....gal. .27 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .32 - —
19 bbls., E. works...gal. .34 - —
1 to 18 bbls., E. works, gal. .37 - —
dms., c.l., E. works....gal. .31 - —
19 dms., E. works...gal. .33 - —
1 to 18 dms., E. works, gal. .36 - —
tanks, E. works.....gal. .25 - —

Anhydrous, 5c. per gal. higher.

SD28-G, works, E., dms., c.l., gal. .35½- —
19 dms.....gal. .37½- —
1 to 18 dms.....gal. .40½- —
tanks .....gal. .29½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c. l., E. works..gal. .32 - —
20 dms., E. works...gal. .34 - —
1 to 19 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld..lb. .11¾- —
l.c.l., frt. alld.....lb. .12 - —
tanks, dlvd.....lb. .10½- —
tech., contract, dms., c.l., frt. alld..lb. .10¼- —
l.c.l., frt. alld.....lb. .11 - —
tanks, dlvd.....lb. .09½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.58½- —
19 bbls.....gal. 4.60½- —
1 to 18 bbls.....gal. 4.63½- —
dms., c.l. .....gal. 4.57½- —
19 dms.....gal. 4.59½- —
1 to 18 dms.....gal. 4.62½- —
tanks .....gal. 4.51½- —
absolute, dms., c.l.....gal. 4.90 - —
19 dms.....gal. 4.92 - —
1 to 18 dms.....gal. 4.95 - —
Grain alcohol 25c. per gal. higher.
Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33.000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd..lb. .27 - —
cans, works.....lb. .33 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .09¼- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08¼- —
Isopropyl, 99%, c.l., dms., f.o.b. dest..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
refd., 91%, dms., c.l., same basis..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
tech., 91%, dms., c.l., same terms..gal. .33½- —
l.c.l., same terms....gal. .38½- —
tanks, same terms....gal. .28½- —
98%, dms., c.l., same terms, gal. .37½- —
l.c.l., same terms....gal. .42½- —
tanks, same terms....gal. .32½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Propyl, normal, dms., works, gal. .70 - —
Aldehol, denat., grade, dms., tanks, works.....gal. .70 - .72
Aldehyde bisulphite bbls., dlvd. lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 & 110 gal. dms., dlvd..lb. .20 - —
5 & 10 gal. dms., dlvd....lb. .23 - —
Aletris root, bgs.....lb. .38 - .39
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs. .....lb. .20 - .23
Curacao, cs. .....lb. .35 - .37
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .45 - .50
Aloin, 140-lb. bbls. .....lb. 2.40 - —
100-lb. kegs.....lb. 2.42 - —
25-lb. fib. dms.....lb. 2.49 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila..100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - 3.80
dlvd. N.Y., Phila..100 lbs. 3.55 - —

Alum—Apomorphine

Alum, ammonia, powd., bbls., works	100 lbs.	3.55 - 3.80
dlvd., N. Y., Phila.	100 lbs.	3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works	100 lbs.	3.40- 3.65
dlvd. N.Y., Phila.	100 lbs.	3.40 - —
lump, bbls., works	100 lbs.	3.65 - 3.90
dlvd. N.Y. Phila.	100 lbs.	3.65 - —
powd., bbls., works	100 lbs.	3.80 - 4.05
dlvd. N.Y., Phila.	100 lbs.	3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.	lb.	.06¼- .06½
Soda, bbls., c.l., works	100 lbs.	3.25 - —
l.c.l., dlvd.	100 lbs.	4.25 - 5.00
Alumina acetate, 20% normal solut., bbls., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd.	lb.	.09 - —
22%, basic solut., bbls., c.l., dlvd.	lb.	.10 - —
l.c.l., dlvd.	lb.	.12 - —
basic powd., bbls., dlvd.	lb.	.40 - —
smaller containers, dlvd.	lb.	.50 - —
Formate, 30% solut., bbls., c.l., dlvd.	lb.	.13 - —
l.c.l., dlvd.	lb.	.15 - —
Alumina, chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works	lb.	.05 - —
12,000 to 40,000 lbs., works	lb.	.06 - —
1,100 to 11,000 lbs., works	lb.	.07 - —
140 to 875 lbs., works	lb.	.08 - —
100 lbs., or less, works	lb.	.09 - —
cryst., com'l, dms., c.l., works	lb.	.06 - —
l.c.l., dms., works	lb.	.06½- —
solution, 32 deg., cbys., c.l., works	lb.	.02¾- —
l.c.l., cbys., works	lb.	.03¼- —
Hydrate, heavy, bbls., c.l., works	lb.	.0290- —
l.c.l., bbls.	lb.	.03½- —
bgs., c.l.	lb.	.0260- —
light, bbls., dlvd.	lb.	.12 - —
Oleate, dms., contr.	lb.	.16¾- —
open order	lb.	.17½- .18½
Palmitate, precip., bbls.	lb.	.23 - —
Resinate, precip., dms., dlvd.	lb.	.15 - —
Stearate, precip., bbls., ctns., c.l.	lb.	.19 - —
l.c.l., ton	lb.	.20 - —
less than ton	lb.	.21 - —
Sulphate, com'l, bgs., c.l. works, frt. equaled	100 lbs.	1.15 - —
l.c.l., works, frt. equald.	100 lbs.	1.40 - —
bbls., c.l., works, frt. equald.	100 lbs.	1.35 - —
l.c.l., works, frt. equald.	100 lbs.	1.60 - —
iron-free, bgs., c.l., works	100 lbs.	1.30 - —
l.c.l., works	100 lbs.	1.55 - —
bbls., c.l., works	100 lbs.	1.50 - —
l.c.l., works	100 lbs.	1.75 - —
Aluminum, 98-99%, c. l.	lb.	.20 - —
l.c.l.	lb.	.21 - —
paste, lining, extra fine, dms.,	1,500 lbs. lb.	.65 - —
ink, dms.,	1,500 lbs. lb.	.75 - —
standard, dms.,	1,500 lbs. lb.	.43 - —
extra fine, dms.,	1,500 lbs. lb.	.92 - —
standard, dms.,	1,500 lbs. lb.	.57 - —
litho, extra brilliant, dms.,	1,500 lbs. lb.	.43 - —
extra fine, dms.,	1,500 lbs. lb.	.47 - —
lining, dms.,	1,500 lbs. lb.	.57 - —
standard, dms.,	1500 lbs. lb.	.42 - —
rubber compound, dms.,	1,500 lbs. lb.	.40 - —
unpolished, dms.,	1,500 lbs. lb.	.37 - —
varnish, extra brilliant, dms.,	1,500 lbs. lb.	.43 - —
extra fine, dms.,	1,500 lbs. lb.	.47 - —
standard, dms.,	1,500 lbs. lb.	.42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 10c. per lb. higher for less than 200 lbs.; 5c. per lb. higher for 200-400 lbs.; 2c. per lb. higher for 400,-1,000 lbs.; and 1c. per lb. higher for 1,000-1,500 lbs.; for partial shipments on contracts, prices are 8c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

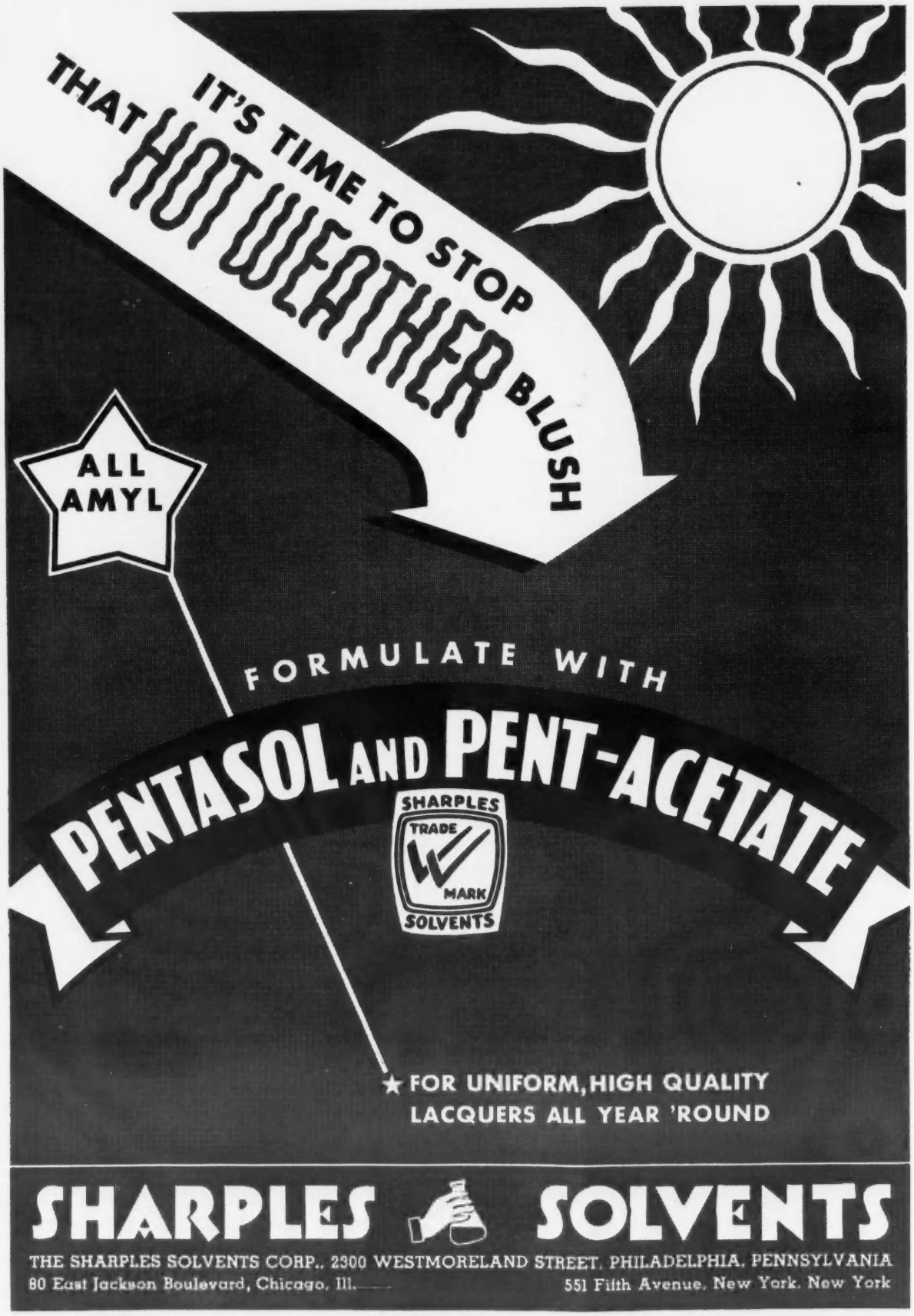
Ambergris, gray, tins	oz.	17.00 -36.00
Aminopyrine, fib., dms., 100 lbs.	lb.	4.00 - —
bots., 5 lbs.	lb.	4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd.	lb.	.27 - .33
dms., dlvd.	lb.	.23 - .26
Ammonia, aldehyde, dms.	lb.	.65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works	lb.	.04½- —
refrigeration, tanks, works	lb.	.05 - —
pure, cyls., dlvd., met. N.Y.,	lb.	.16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.	lb.	.05½- —
dms., c.l.	lb.	.02½- —
l.c.l.	lb.	.02½- —
tanks (on NH_3, content), dlvd., E.	lb.	.05 - .05½
Benzoate, dms., 4,000 lbs. or more	lb.	.41 - .42
1,000 lbs. to 3,900 lbs.	lb.	.42 - .43
900 lbs. or less	lb.	.45 - .46
Benzoate, kgs., 4,000 lbs. or more	lb.	.40 - —
1,000 lbs., to 3,900 lbs.	lb.	.41 - —
900 lbs. or less	lb.	.44 - —
Bicarbonate, bbls., c.l., works.	100 lbs.	5.15 - —
l.c.l., dlvd. N. Y.	100 lbs.	5.71 - —
Bichromate, bbls.	lb.	.23 - —
Bifluoride, bbls.	lb.	.14½- .16½
Borate, bbls., kgs.	lb.	.15 - .16
Bromide, gran., bbls.	lb.	.35 - —
bxs.	lb.	.38 - .39
kgs.	lb.	.36 - —
Carbonate, tech., dom., bbls.	lb.	.08 - .12½
imported, csks.	lb.	.08 - .12½
USP, lump, dms.	lb.	.08 - .17
powd., bbls., dms.	lb.	.09 - .26
Chloride, tech. (see Ammoniac, sal).		
USP, gran., 225 lb. bbls.	lb.	.12 - .18
100 lb. kgs.	lb.	.15 - —
Citrate, dms.	lb.	.80 - —
cns.	lb.	.85 - —
Fluoride, bbls.	lb.	.17 - .19
Hydroxide, (see Ammonia, aqua),		
Hypophosphite, fib., dms.	lb.	1.10 - 1.17
jars	lb.	1.20 - —
Iodide, 5-lb. bots.	lb.	3.32 - —
jars	lb.	3.25 - —
Laurate, bbls.	lb.	.23 - —
Linoleate, 80%, anhyd., bbls.	lb.	.12 - .15
Molybdate, kgs., wks.	lb.	1.05 - 1.20
Naphthenate, bbls.	lb.	.17 - —
Nitrate, tech., bags., c.l., works	100 lbs.	3.60 - —
l.c.l., works	100 lbs.	3.85 - —
bbls., c.l., works	100 lbs.	3.80 - —
l.c.l., works	100 lbs.	4.05 - —
Oleate, dms.	lb.	.14 - .15
Oxalate, neutral, cryst., powd., bbls., kgs.	lb.	.19 - .20
Perchlorate, kegs.	lb.	.16 - —
Persulphate, kgs.	lb.	.21 - .22
Phosphate, dibasic, N.F.V., bls.,	lb.	.37 - —
kgs.	lb.	.39 - —
tech., bbls., c.l.	lb.	.07½- —
l.c.l.	lb.	.09 - .10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works	unit-ton.	1.20 & .70
pure, bbls.	lb.	.40 - .45
tech., bbls., c.l.	lb.	.07½- —
l.c.l.	lb.	.09 - .10
Ricinoleate, bbls.	lb.	.13 - —
Salicylate, U.S.P., kgs.	lb.	1.15 - 1.20
Stearate, anhydrous	lb.	.22 - —
paste	lb.	.07 - —
Sulphate, dom., bulk, c.l., f.o.b. July shipment	ton.	26.50 - —
August shipment	ton.	26.75 - —
September shipt.	ton.	27.00 - —
October shipt.	ton.	27.25 - —
November shipt.	ton.	27.50 - —
December shipt.	ton.	27.75 - —
Jan.-June, 1939 shipt.	ton.	28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-40%, basis 100%, dms,, works	lb.	.12 - .15
tanks, delvd.	lb.	.11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works	lb.	.14 - —
smaller lots, works	lb.	.16 - —
pure, 99-100%, kgs.	lb.	.55 - —
Ammoniac, gum (see Gum, ammoniac).		
Sal, gray, dom,, bbls., c.l.,	100 lbs.	5.50 - 5.75
l.c.l.	100 lbs.	6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l.	100 lbs.	4.90 - 5.05
import, csks.	100 lbs.	5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works.	lb.	.11 - —
l.c.l., frt., alld.	lb.	.11½- —
tanks, works	lb.	.10 - —
ex pentane, dms., frt. alld.	lb.	.125 - —
l.c.l., frt., alld.	lb.	.135 - —
tanks, frt., alld.	lb.	.115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts.	lb.	.09½- —
l.c.l., same terms	lb.	.10 - —
tanks, same terms	lb.	.08½- —
Alcohol (see Alcohol amyl).		
Butyrate, dms., 50 gal., returnable	lb.	.75 - —
Caproate, cns.	lb.	2.75 - —
Chloride, normal, dms., works,	lb.	.56 - —
small lots, works	lb.	.66 - —
mixed, tech., dms., c.l., works	lb.	.07 - —
l.c.l., works	lb.	.077 - —
tanks, works	lb.	.06 - —
Cinnamic aldehyde, ens.	lb.	2.00 - 2.25
Nitrite, bots.	lb.	1.80 - 1.85
Mercaptan, dms., l.c.l., works.	lb.	1.10 - —
Oleate, dms., l.c.l., works	lb.	.25 - —
Salicylate, bots., 5 lbs.	lb.	.61 - —
cns., 25 lbs.	lb.	.51 - —
Stearate, dms., l.c.l., works.	lb.	.26 - —
Amylene, dms., c.l., works.	lb.	.102 - —
l.c.l., works	lb.	.11 - —
tanks, works	lb.	.09 - —
Anethol, bots.	lb.	1.00 - 1.05
Angelica root, dom., bls.	lb.	.16 - .22
import, natural, bls.	lb.	.20 - .23
twisted, bls.	lb.	.30 - .40
Angostura bark, bls.	lb.	.30 - .31
Anilin oil, dms., c.l.	lb.	.15 - —
l.c.l.	lb.	.16 - —
tanks	lb.	.14½- —
Salt, dms., works	lb.	.22 - .24
Anise, Spanish, bgs.	lb.	.15 - .15½
Star, bgs.	lb.	.12¾- .13¼
Anisic aldehyde, bots.	lb.	3.00 - 3.10
Annatto paste, bxs.	lb.	.34 - .39
seed, bgs	lb.	.07½- .08
Anthraquinone, 99.5%, subl., bbls.,	lb.	.65 - —
Antimony butter (see Antimony chloride)		
Chloride, solut., cbys.	lb.	.17 - —
Metal, spot	lb.	.11½- —
Needle, powd., bbls.	lb.	.12½- .14
Oxide, bbls., c.l.	lb.	.11½- —
l.c.	lb.	.12¼- —
Salts, 65%, kgs.	lb.	.26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld to ½c.	lb.	.11¼- .14¼
Antipyrene, bbls., kgs., ton lots,	lb.	2.00 - —
smaller lots	lb.	2.10 - 2.15
Apomorphine, bots.	oz.	23.20 -23.70


IT'S TIME TO STOP
THAT HOT WEATHER BLUSH
ALL AMYL
FORMULATE WITH
PENTASOL AND PENT-ACETATE
SHARPLES TRADE MARK SOLVENTS
★ FOR UNIFORM, HIGH QUALITY LACQUERS ALL YEAR 'ROUND
SHARPLES SOLVENTS
THE SHARPLES SOLVENTS CORP., 2300 WESTMORELAND STREET, PHILADELPHIA, PENNSYLVANIA
80 East Jackson Boulevard, Chicago, Ill.
551 Fifth Avenue, New York, New York

Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos 32.00 -34.00
Arnica flowers, bls.....lb. .28 - .30
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08¾
bbls.....lb. .08¼- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars.....lb. 5.00 - —
Metal, lump, cs.....lb. .40 - .41
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l.....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .25 - .26
powd., bbls., bxs.....lb. .40 - .41
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y.lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.90 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Manjak (see Asphaltum, Barbados)
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif, refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.85 - 2.95
cns.....oz. 2.80 - —

B

Balm of Gilead buds, bgs.....lb. .33 - .35
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton.41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton.43.00 -45.00
precip., bgs., c.l., works..ton.52.50 - —
bbls., works.....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works.....ton.62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms.....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla..ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —

Wheeling
CORRUGATING COMPANY
DIRECTIONS IN INSIDE OF CAP
PUNCH OUT AS SHOWN
You're on the RIGHT TRACK to a PERFECT PRODUCT..

with

WHEELING *STEEL CONTAINERS*

■ Paints, lacquers, oil, chemicals, foodstuffs—anything in the form of liquids, solids, semi-solids, paste, or powders—all *pack* better, *ship* cheaper and safer, and *handle* easier on the job in these durable and dependable Wheeling Steel Drums. Tell us what you pack, and we'll gladly send you samples and specifications. Please address our nearest office.

Here are just a few of the types available in a wide range of capacities. Your choice of design and colors in lithography to make your "package" a productive advertisement for your brand.

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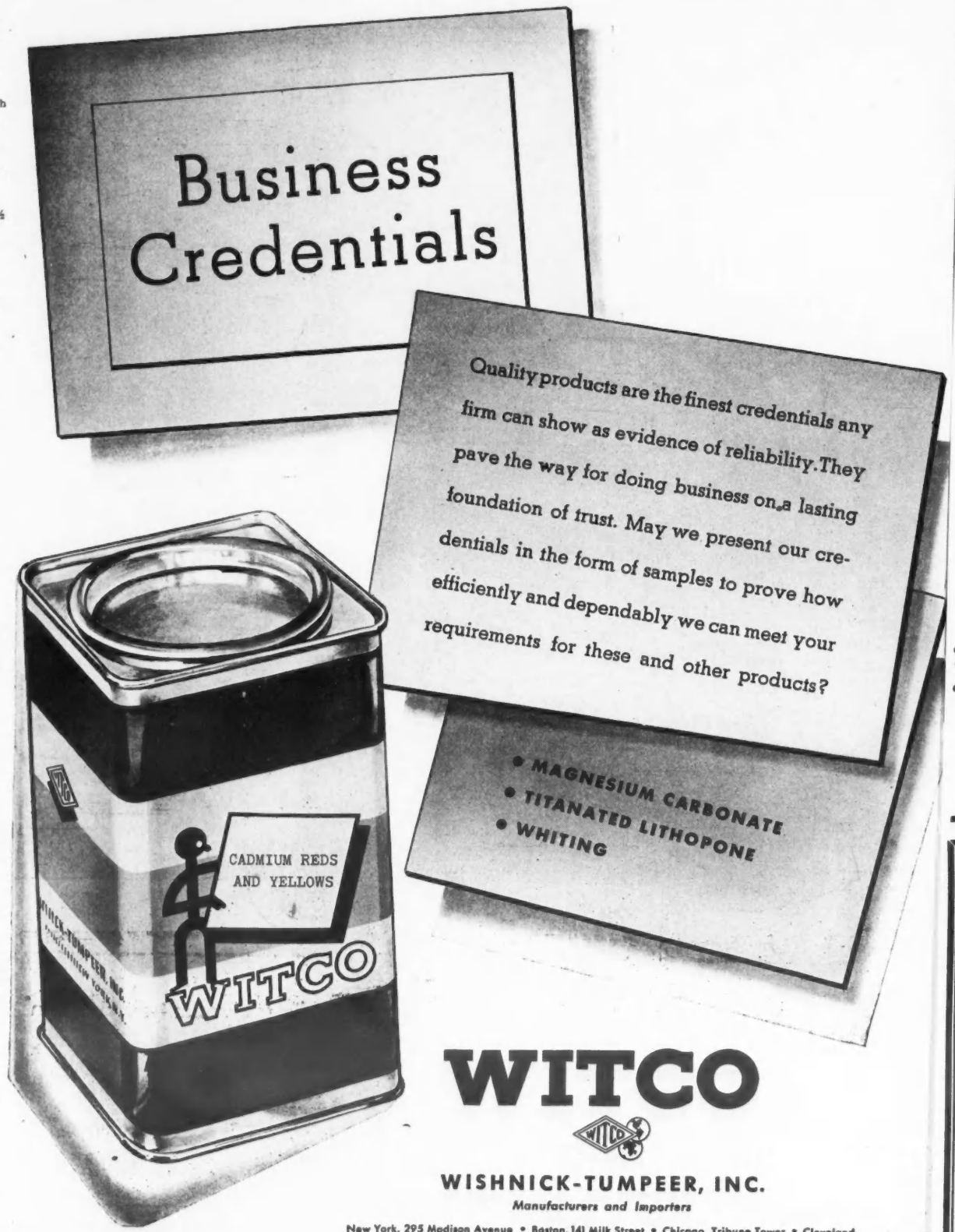
WHEELING CORRUGATING COMPANY
STEEL CONTAINER DIVISION
WHEELING, WEST VIRGINIA

CINCINNATI · ATLANTA · BOSTON · MINNEAPOLIS · COLUMBUS · CLEVELAND · DETROIT

Barium, chloride, tech., dom., cryst., Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
bbls., l.c.l., same basis, ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. 11½- .13
Fluosilicate, bbls.....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots.....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .07½
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs.....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago.....ton.31.15 - —
Cleveland.....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston.....ton.31.70 - —
Philadelphia.....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston.....ton.35.20 - —
Chicago.....ton.30.35 - —
Cleveland.....ton.33.00 - —
Detroit.....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto.....ton.30.30 - —
southern off color, bulk, mines, ton.12.00 - —
95,75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock, t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .14 - .16
Root, bls.....lb. .11 - .12
Bentonite, 200 mesh, bgs., Wyo. works..ton.11.00 - —
325 mesh, bgs., Wyo. works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
W. coast, f.o.b., Minnequa, Colo..gal. .16 - —
Benzoyl chloride, dms.....lb. .40 - .47
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms.....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., cns..lb. .94 - —
dms.....lb. .89 - —
Chloride, 95-97%, refd., dms., lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.00
Benzylidineacetone, bots.....lb. 2.20 @ 3.50
Berberine bisulphate, cns.....lb.16.75 - —
Hydrochloride, cns.....lb.16.75 - —
Sulphate, cns.....lb.16.75 - —
Berberis root, bls.....lb. .15 - .16
Betanaphthol, subim., bbls....lb. .55 - —
kgs.....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs.....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .20 - .22
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars.....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns.....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns.....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib, dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.22 - 1.45
fib, dms.....lb. 1.13 - 1.16
X-ray, 5-lb. bots.....lb. 2.43 - —
fib, dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib, dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib, dms.....lb. 3.86 - —
Subnitrate, powd., bots., cns. lb. 1.12 - 1.38
fib, dms.....lb. 1.05 - 1.08
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib, dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib, dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns.....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns.....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots.. lb. 3.14 - —
fib, dms.....lb. 3.06 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1. bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2. bbls., bgs., c.l., frt. allo E..lb. .10½- —
l.c.l., frt. allo. E.....lb. .11 - —
3. bbls., bgs., c.l., frt. allo. E..lb. .09½- —
l.c.l., frt. allo. E.....lb. .10 - —
4. bbls., c.l., frt. allo. E..lb. .08½- —
l.c.l., frt. allo. E.....lb. .09 - —
5. bbls., bgs., c.l., frt. allo. E..lb. .07¼- —
l.c.l., frt. allo. E.....lb. .08 - —

Black, Bone—Brown, Sienna

Black, bone, 6, bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
8, bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (sellers option) l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N.Y...lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under dyes.
Black haw, root bark, bls....lb. .25 - .26
Tree bark bls.....lb. .15 - .16
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.75 - 3.00
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 2.75 - 3.00
import, bgs., c.l.f. ports, shipt., unit-ton. 3.20 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg. lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts.lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts.lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts. lb. .36 - —
open order.....lb. .37 - —
Blue, Tungstated, peacock, kegs. lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls, same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.03
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.15 - —
16-50 bbls., same basis, 100 lbs. 4.30 - —
6-15 bbls., same basis, 100 lbs. 4.40 - —
1-5 bbls., same basis, 100 lbs. 4.65 - —
Blue vitriol, monohydrated, dms., c.l., dealer, f.o.b. works. 100 lbs. 8.50 - 8.75
l.c.l. dealers....100 lbs. 9.50 - 9.75
Bluestone (see blue vitriol).
Bone, raw, dcm., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.26.00 -27.00
c.i.f. Atlantic ports.....ton.26.00 - —
import, bgs., c.i.f., ports.ton.25.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.22.00 -23.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.20.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.18.00 -20.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.20.00 - —
Borage flowers, bls. .....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic), Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12½- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10¼- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —


Business Credentials
Quality products are the finest credentials any firm can show as evidence of reliability. They pave the way for doing business on a lasting foundation of trust. May we present our credentials in the form of samples to prove how efficiently and dependably we can meet your requirements for these and other products?
• MAGNESIUM CARBONATE
• TITANATED LITHOPONE
• WHITING
CADMIUM REDS AND YELLOWS
WITCO
WISHNICK-TUMPEER, INC.
WITCO
WISHNICK-TUMPEER, INC.
Manufacturers and Importers
New York, 295 Madison Avenue • Boston, 141 Milk Street • Chicago, Tribune Tower • Cleveland, 616 St. Clair Ave., N. E. • Harold Wilson & Witco, Ltd., 6 Portman Mansions, Baker Street, London, W. 1, England • Witco Affiliates: • Witco Oil & Gas Company • The Pioneer Asphalt Company • Panhandle Carbon Company
BUY DIRECT AND PROFIT DIRECTLY

Brown, Sienna, raw, American, bbls., works..lb. .02⅞- —
Italian, Group 1, bbls., f.o.b. N. Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10⅞- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½ - —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08¼ - —
7, bbls., same basis...lb. .07¾ - —
8, bbls., same basis...lb. .07¼ - —
9, bbls., same basis...lb. .06¾ - —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02⅞- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls. .....lb. .41 - .43
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .18 - .19
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¼- —
import, stands.....lb. .15 - .16
Butanes, coml., 16-34°, tanks, group 3..gal. .03⅜- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld..lb. .10½- —
tanks, contract, frt. alld..lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms .....lb. .07 - —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22½- —
Propionate, dms., dlvd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 3.96 - —
25-lb. cns.....lb. 3.82 - —
Lithopone (see Yellow)
Metal, cs..... .....lb. 1.20 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more..lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs....lb. .40 - .41
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms.. lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Calcium bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbide, dms.....lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd..ton. 22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton. 20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, U.S.P., bbls., 200 lbs.lb. .23 - —
Levulinate, bots., less than 25 lbs., works..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessels, Camden, N. J., or f.o.b. cars, So. Atlantic ports ton. 28.00 - —
Palmitate, bbls.....lb. .22 .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt..unit-ton. .76 Nom.
tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton..lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 65-70%, CaS, wks., c.l..ton. 64.00 - —
l.c.l. .....ton. 68.00 - —
75% CaS (minus 100 mesh), c.l., works..ton. 52.00 - —
l.c.l., works.....ton. 56.00 - —
83-85 CaS, c.l., works...ton. 58.00 - —
l.c.l., works.....ton. 64.00 - —
luminous, dom., tins, works, 100 lbs. .85 - —
Sulphocarbolate, bbls., 200 lbs. lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .35 - .36
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.28 - —
Camphor, natural, powd., cs...lb. .52½- .53
slabs, cs. .....lb. .52½- .53
tablets, tins .....lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .47 - —
1,000-lb. lots .....lb. .48 - —
500-lb. lots .....lb. .49 - —
100-lb. lots .....lb. .50 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0450- .0490
Morocco, bgs.....lb. .0450- .0490
Turkish, bgs.....lb. .0450- .0490
Canella alba bark, bls.....lb. .30 - .31
Cantharides, Chinese, cs.....lb. .60 - .70
powd., bxs.....lb. .70 - .80
Russian, cs.....lb. 1.05 - 1.10
powd., bxs.....lb. 1.20 - 1.25
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs....lb. .06¾- .07½
Carbazole, 95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works..lb. .80 - —
98%, dms., ton lots, works..lb. .75 - —
smaller quantities, works..lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05⅝- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05¼- —
l.c.l., same basis.....lb. .05⅝- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb .08 - .08½
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07½
l.c.l., same basis.....lb. .08 - .08½
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 1½c. lb. higher.

Cardamom, bleached, cs.....lb. 1.30 - 1.65
decorticated, cs. .....lb. .80 - .82
green, bgs. .....lb. .52 - .54
Carvol, bots. .....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .09 - .09½
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .08 - —
5 tons, works.....lb. .09½- —
smaller lots, works.....lb. .10½- —
80-100 mesh, bgs., c.l., dlvd., lb. .08½- —
5 tons, works.....lb. .10 - —
smaller lots, works.....lb. .11 - —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .12½-Nom.
80-100 mesh, bgs., c.l., duty paid..lb. .13 Nom.
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .16 - .16¼
3, bls. .....lb. .10½- .11
shortstick, bls.....lb. .12¾- .13
China, rolls, select, cs.....lb. .06¾- .07
broken, extra, bls.....lb. .04½- .04¾
Saigon, bls.....lb. .15 - .15½
Cassia buds, cs.....lb. .16 - .16½
Cassia fistula, bskts.....lb. .07 - .09
Castile soap, white, bars., cs., 40 lbs.11.75 -12.50
powd., bbls. .....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots. .....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works..ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton.20.00 Nom.
Catnep leaves, bls. .....lb. .17 - .18
Celery seed, French, bgs.....lb. .14 - .14½
Indian, bgs.....lb. .12 - .12½
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .53 - —
smaller lots, works.....lb. .55 - —
Acetopropionate, 500 lbs. and over, works..lb. .57 - —
100-499 lbs., works.....lb. .58 - —
1-99 lbs., works.....lb. .60 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works .....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works..lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .18 - .20
Roman, bls. .....lb. .27 - .28
Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton. 30.40 - —
Colo. .....ton. 27.00 - —
Conn., Me., Mass., N.H., R. I., Vt. .....ton. 30.80 - —
Ill. (except river point), Minn., Neb., Wis.ton. 25.00 - —
Indiana .....ton. 26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton. 23.00 - —
Kansas, El Paso, Tex., ton. 24.00 - —
Michigan .....ton. 27.80 - —
Ohio, Penn. .....ton. 29.80 - —
Utah .....ton. 34.00 - —
Willow, powd., bbls. .....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works. lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., airfloat, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton. 10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
200 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works, ton. 12.50 - —
Import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton. 22.00 -25.00
powd., csks., l.c.l., ex dock, ton. 35.00 - —
ex whse. .....ton. 37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y..lb. .05½- —
contracts, dlvd., N.Y....lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —

Brown, Sienna—Copaiba

Chlorine, tanks, single unit, works, frt. equaled..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald..100 lbs. 2.30 - —
2, works, frt. equaled..100 lbs. 2.55 - —
1, works, frt. equald..... 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms.lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works..lb. .85 - —
5-lb. cycls., same basis..lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8%, cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton. 15.00 -16.00
Green (see Green, chrome oxide).
Oxide (see Green, chrome oxide).
Chrome, sulphate, pearls, dms., 100 lbs..lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.30
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs. .....lb. .45 - .50
short, bgs. .....lb. .40 - .45
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns.100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns.100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys.....lb. .85 - .90
Cinnamon, Ceylon, 2, bls.....lb. .16 - .16½
3, bls.....lb. .16½- .16⅝
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .13¼- .13½
Zanzibar, bls.....lb. .16¼- .17
Clover tops, bgs.....lb. .13 - .14
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.25 - —
refd., dms., c.l., works....dm. 8.00 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .16 - .17
Cocoa butter, lump, bgs., c.l..lb. .11¾- —
Codeine, cns., 100 ozs.....oz. 11.70 - —
Hydrochloride, cns., 100 ozs.oz. 10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07⅛
Colchicine, bots., 4 ozs.....oz. 20.00 - —
single ozs. .....oz. 21.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .26 - .28
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .24 - .25
S.A., USP, cns.....lb. .26 - .27

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A 95-98% Grade for Agricultural Use.
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Stocks carried in principal cities of the United States and Canada

Copper Acetate—Dyes

Copper acetate, normal, bbls., dlvd..lb. .21 - —
smaller containers, dlvd..lb. .23 - —
Carbonate, 52-54%, bbls.....lb. 13.20 -14.20
20%, bbls.....lb. .10½- .11½
Chloride, cryst., bbls.....lb. .12½- .13½
Cyanide, tech., bbls.....lb. .34 - —
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .09¾- —
Nitrate, cryst., bbls.....lb. .15½- .17
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works. lb. .14½- .15
smaller lots, works.....lb. .15½- —
red, com'l, 50-75%, kgs., f.o.b. N. Y..lb. .15 - .16
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.16.00 - —
bbls., c.l., works.....ton.18.00 - —
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.13.00 - —
Copra, Coast, ship't.....lb. .0200 Nom.
Coriander seed, Morocco, bgs..lb. .05 - .05½
bleached, bgs.....lb. .08 - .08½
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.15 - —
ex whse.....100 lbs. 3.25 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.09 - —
43°, bbls., c.l.....100 lbs. 3.14 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more..lb. 1.13 - —
gran., powd., dms., 50 lbs. or more..lb. .99 - —
Cottonroot bark, bls.....lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 2.75 - 3.00
5-lb. cns.....lb. 2.85 - 3.10
1-lb. cns.....lb. 3.00 - 3.25
1-oz. cns.....lb. 3.35 - 3.60
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .22 - .23
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .15 - .16
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .21¾- —
smaller lots, bbls.....lb. .22½- —
kgs.....lb. .22¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote oil, crude, tanks, works. gal. .13½- .14½
Coaltar solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works.....gal. .18 - .18½
Cresol, USP, dms., c.l., works.lb. .10½- —
l.c.l., same basis.....lb. .11 - —
special resin grade, dms., c.l., works..lb. .09¼- —
l.c.l., same basis.....lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd..lb. .22 - —
5 and 10 gal. dms., dlvd..lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .25 - .26
2,000 lbs. to 10,000 lbs..lb. .26 - .27
1,000 lbs. to 2,000 lbs..lb. .27 - .28
200 lbs. to 1,000 lbs.....lb. .29 - .30
4% rotenone prices are 4c. per lb. less.
Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .27 - .28
powd., cs.....lb. .30 - .31
Culver's root, bls.....lb. .17 - .18
Cumin seed, Algerian, bgs....lb. .08½- .09
Morocco, bgs.....lb. .09¼-Nom.
Cutch, Philippine, extract, solid bags..lb. .04¼- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit..lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
75%, gran., dms.....lb. .15 - —

D

Damiana leaves, bls.....lb. .15 - .16
Dandelion root, German, bls..lb. .14 - .15
Deertongue leaves, bls.....lb. .09 - .09½
Degras, common, dom., bbls..lb. .07¾- .08¼
English, bbls.....lb. .07¾- .08¼
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .34 - .38
2,000 lbs., to 10,000 lbs..lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
Derris root, powd., 5% rotenone, f.o.b. N. Y., 200 lbs., to 1,000 lbs..lb. .38 - .42
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
Potato, import, bgs.....lb. .07¼- .08¾
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19¼- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
ports, May shipt...ton.44.50 -45.00
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
Import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19¼- —
Tartrate, dom., dms.....lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l.....lb. .19½- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethylene oxide, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, works.....lb. .19 - —
Digitalis, leaves, dms.....lb. .42 - .45
Diglycol laurate.....lb. .23 - —
Diglycol oleate, light, bbls.....lb. .20 - —
Diglycol stearate.....lb. .25 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylamine, dms., c.l., dlvd, lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylanilin, dms., c.l.....lb. .26 - —
l.c.l., dms.....lb. .27 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls, 89° min., lb. .18 - —
Dinitrochlorobenzene, bbls.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidins, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .81 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Dubolsine sulphate, vls.....oz. 34.50 -35.00
Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—
Blue:—
Brilliant blue FCF, cans..lb. 13.50- —
1180 Sodium indigo disulphonate, cns..lb. 13.50- —
Green:—
Fastgreen FCF, cns.....lb. 27.50- —
666 Guinea green B., cns. lb. 13.50- —
670 Light green SF, yellowish, cns..lb. 17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb. 17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau SX, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.00- —
Yellow:—
10 Naphthol yellow S, cns..lb. 8.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.05- —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00

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C. P. CHROME GREENS

with greater resistance to darkening

• We now offer improved standardization in our "389" line of C. P. Chrome Greens without change of shade or tint.

These new Krebs pigments make it possible to manufacture paint products with remarkable resistance to darkening on exterior exposure. They also have superior brilliance...are more permanent...and have increased strength combined with enhanced cleanness. The "389" line of C. P. Chrome Greens is available in four conventional shades.

We'll be glad to send full details — and to tell you how these qualities have been incorporated in a system of simplification designed to reduce the number of green standards necessary.

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PIGMENTS FOR PAINT
Krebs Pigment & Color Corp.
1007 Orange Street,
Wilmington, Delaware

Dyes, coaltar, for general use (numbers are those of Colour Index scale)—

299	Chrome black F	lb.	.60 - .65
307	Fast cyanin black B	lb.	.80 - .85
326	Direct cast scarlet	lb.	2.00 - 2.25
304	Paper yellow	lb.	.83 - .90
365	Chrysophenin G	lb.	.58 - .70
394	Direct violet N	lb.	1.25 - 1.30
382	Direct scarlet B	lb.	1.50 - 1.75
387	Direct violet B	lb.	1.00 - 1.30
401	Developed black BHN	lb.	.50 - .75
406	Direct blue 2B	lb.	.25 - .30
415	Direct orange R	lb.	.60 - .70
419	Direct fast red F	lb.	.75 - .85
420	Direct brown M	lb.	1.00 - 1.10
448	Benzo purpurin 4B	lb.	.40 - .42½
495	Benzo purpurin 10B	lb.	.40 - .50
502	Direct azurin G	lb.	.75 - .80
512	Direct blue RD	lb.	.80 - 1.00
518	Direct pure blue 6B	lb.	1.10 - 1.25
520	Direct pure blue	lb.	.50 - 1.00
529	Direct fast black FF	lb.	.55 - 1.00
581	Direct black EW	lb.	.25 - .50
582	Direct black RX	lb.	.35 - .45
593	Direct green B	lb.	.75 - .80
594	Direct green G	lb.	1.00 - 1.05
596	Direct brown 3GO	lb.	.35 - 1.00
620	Direct yellow R	lb.	1.25 - 1.50
698	Acid violet	lb.	1.00 - 3.00
812	Primulin	lb.	.50 - .52
814	Direct fast yellow	lb.	2.00 - 2.25
845	Nigrosin(water soluble)	lb.	.35 - .50
1177	Indigo, 20 p. c. paste	lb.	.15 - .18
	Benzo fast black L	lb.	.90 - 1.00
	Sulphur black	lb.	.20 - .25
	Sulphur blue	lb.	.40 - 1.00
	Sulphur brown	lb.	.25 - .50
	Sulphur maroon	lb.	.40 —
	Sulphur olive	lb.	.25 - .54
	Sulphur tan	lb.	.30 - .50
	Sulphur yellow	lb.	.30 - .50
	Zambesi black	lb.	.75 - .80

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 5c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—

865	Nigrosin derivatives	lb.	.43 - —

Blue:—

1075	Alizarin astrol base	lb.	15.00 - —
1078	Alizarin cyanin green base	lb.	6.00 - —
729	Victoria blue	lb.	.75 - —

Browns:—

	Brown	lb.	1.15 - —

Green:—

1078	Alizarin cyanin green	lb.	5.00 - —
	Green	lb.	.75 - —

Orange:—

24	Sudan I	lb.	.70 - —
	Orange, red shade	lb.	.75 - —

Red:—

73	Sudan II	lb.	1.05 - —
258	Sudan IV	lb.	.95 - —
749	Rhodamine B (oil pink)	lb.	2.50 - —
1080	Anthroquinone violet base	lb.	6.00 - —
680	Oil violet	lb.	.50 - —

Yellow:—

15	Amidoazobenezene yellow	lb.	.90 - —
17	Amidoazotoluene yellow	lb.	.75 - —
61	Yellow OB	lb.	1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or ware house).

Black:—

864	Nigrosin	lb.	.40 - —

Blue:—

729	Victoria blue	lb.	2.65 - —
860	Indulin	lb.	.70 - —

Brown:—

331	Bismarck brown	lb.	1.50 - —

Green:—

637	Malachite green base	lb.	2.00 - —

Orange:—

20	Chrysoidin G	lb.	.95 - —
21	Chrysoidin R	lb.	.95 - —

Red:—

677	Fuchsin, magenta base	lb.	7.25 - —
749	Rhodamine B	lb.	4.75 - —

Yellow:—

67	Amidoazotoluene yellow	lb.	.75 - —
655	Auramine	lb.	2.00 - —
800	Chinolin yellow SS	lb.	2.00 - —

Violet:—

680	Methyl violet	lb.	.70 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 5c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—

246	Naphthol blue black S	lb.	.50 - —
865	Nigrosin	lb.	.36 - —
673	Methylene gray	lb.	1.50 - —

Blue:—

714	Patent blue A	lb.	1.45 - —
729	Victoria blue B	lb.	2.00 - —
861	Indulin	lb.	.87 - —
909	New blue R	lb.	1.20 - —
922	Methylene blue	lb.	1.00 - —
1054	Alizarin saphirol B	lb.	1.90 - —
1180	Indigotin IA	lb.	.85 - —

Brown:—

234	Resorcin brown Y	lb.	.65 - —
235	Resorcin dark brown R	lb.	.66 - —
231	Bismarck brown G	lb.	.52 - —
852	Bismarck brown R	lb.	.87 - —
703	Phosphin	lb.	4.05 - —

Green:—

5	Naphthol green B	lb.	1.00 - —
657	Malachite green	lb.	1.35 - —
662	Brilliant green	lb.	2.00 - —
666	Guinea green B	lb.	1.15 - —
737	Wool green S	lb.	.59 - —
924	Methylene green B	lb.	1.55 - —
1078	Alizarin cyanin green	lb.	2.35 - —

Orange:—

10	Chrysoidin G	lb.	.40 - —
21	Chrysoidin R	lb.	.87 - —
27	Orange G	lb.	.50 - —
151	Orange Y	lb.	.80 - —
161	Orange R	lb.	.84 - —

Water-soluble:—

Red:—

31	Amidonaphthol red G	lb.	.42 - —
87	Amidonaphthol red 6B	lb.	.66 - —
79	Ponceau R	lb.	.48 - —
88	Fast red B	lb.	1.05 - —
176	Fast red A	lb.	.54 - —
179	Azorubin	lb.	.53 - —
183	Crocein scarlet 3BX	lb.	.60 - —
185	Cochineal red A	lb.	.60 - —

Water soluble

Red:—

252	Brilliant crocein M.	lb.	.68 - —
677	Fuchsin	lb.	2.10 - —
749	Rhodamine B	lb.	3.50 - —
752	Rhodamine 6G	lb.	4.50 - —
768	Eosin G	lb.	1.50 - —
841	Safranin	lb.	1.45 - —

Water-soluble:—

Violet:—

680	Methyl violet B	lb.	.75 - —
681	Crystal violet C	lb.	1.75 - —
695	Acid violet 4BN	lb.	.88 - —

Yellow:—

10	Naphthol yellow S	lb.	.89 - —
138	Metanil yellow	lb.	.53 - —
636	Fast light yellow	lb.	1.25 - —
639	Xylene light yellow	lb.	1.15 - —
640	Tartarzin	lb.	.80 - —
655	Auramine	lb.	1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls.	lb.	.20	- .21
Egg albumen (see Albumen).			
yolk, bbls.	lb.	.62	- .64
Elder flowers, bright, bls.	lb.	.20	- .22
Elecampane root, bls.	lb.	.10	- .11
Elm bark, grinding, bls.	lb.	.10	- .11
powd., bbls., bxs.	lb.	.20	- .21
select, bndls.	lb.	.25	- .26
Emetine hydrochloride, bots.	oz.	17.00	-18.00
Ephedra, bls.	lb.	.28	- .29
Ephedrine, tins, 1,000 ozs.	oz.	3.50	- —
tins, 100 ozs.	oz.	3.75	- —
Hydrochloride, tins, 1,000 ozs.,	oz.	2.50	- —
tins, 100 ozs.	oz.	2.75	- —
Sulphate, cryst., 1,000 ozs.	oz.	2.50	- —
tins, 100 ozs.	oz.	2.75	- —
Epsom salt, tech., bgs.	100 lbs.	1.80	- —
bbls.	100 lbs.	1.90	- —
USP, cryst., dom., bgs., c.l.,	100 lbs.	2.00	- —
l.c.l., 5,000 lbs., 1 withdrawal	lb.	2.25	- —
smaller lots	lb.	2.50	- —
bbls., c.l.	lb.	2.10	- —
l.c.l., 5,000 lbs., 1 withdrawal	lb.	2.35	- —
smaller lots	lb.	2.60	- —
kgs., c.l.	lb.	2.35	- —
l.c.l., 5,000 lbs., 1 withdrawal	lb.	2.60	- —
smaller lots	lb.	2.85	- —
dried, dom., bgs., l.c.l.	lb.	.08	- .10
Ergot, USP, cs., dms.	lb.	1.25	- 1.30
Eserine, bots.	oz.	42.00	- —
Salicylate, bots.	oz.	33.00	-34.00
Sulphate, bots.	oz.	30.00	- —
Ether, acetic (see Ethyl acetate)			
Butyl, dms., l.c.l., dlvd.	lb.	.30	- —
Ethyl (see Ether, sulphuric).			
Nitrous, conc., bots., 100 lbs.,	lb.	.08	- —
Sulphuric, conc., dms., 120 lbs.,	lb.	.09	- —
cns., 27 lbs.	lb.	.14	- —
synth., dms., c.l., works.	lb.	.08	- —
l.c.l., works	lb.	.09	- —
USP, anesthesia, dms., 27 lbs.,	lb.	.26	- —
USP, 1880, dms.	lb.	.39	- .40
washed, dms.	lb.	.37	- .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld.	lb.	.06½	- —
l.c.l., frt. alld.	lb.	.07	- —
tanks, frt. alld.	lb.	.05½	- —
99 p.c., dms., c.l., frt. alld.,	lb.	.07¼	- —
l.c.l., frt. alld.	lb.	.07¾	- —
tanks, frt. alld.	lb.	.06¼	- —
N. F., VI, 90%, dms., 400 lbs.	lb.	.08½	- —
cns., 35 lbs.	lb.	.13½	- —
USP, VIII, 90%, dms., 400 lbs.	lb.	.07½	- —
cns., 35 lbs.	lb.	.12½	- —
Acetoacetate, dms., c.l., works,	lb.	.27½	- —
l.c.l., dms., works	lb.	.28	- —
Bromide, tech., dms.	lb.	.50	- .55
Caproate, cns.	lb.	1.00	- —
Chloride, dms.	lb.	.22	- .24
Cinnamate, cns.	lb.	3.20	- 4.00
Crotonate, 55 and 110 gal. dms., dlvd.	lb.	.33	- —
5 and 10 gal. dms., dlvd.	lb.	.36	- —
Formate, cns., dms.	lb.	.23	- .24
Iodide, bots.	lb.	4.85	- 4.96
Lactate, 55-gal. dms., works.	lb.	.33	- —
5-gal. dms., works.	lb.	.36	- —
Oxalate, dms.	lb.	.30	- .34
Silicate, l.c.l., dms., works.	lb.	.77	- —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld.	lb.	.6440	- —
100 lbs., frt. alld.	lb.	.6930	- —
smaller lots, works.	lb.	.7425	- —
Ethylene bromide, dms.	lb.	.65	- .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.	lb.	.0545	- .05½
West of Rockies, same basis.	lb.	.0595	- .06
Ethylene dichloride, l.c.l., dms., works, E. of Rockies, frt. alld.	lb.	.0644	- .06½
West of Rockies, same basis.	lb.	.0694	- .07
Ethyleneglycol, dms., c.l.	lb.	.16	- .17
l.c.l.	lb.	.17	- .20
tanks	lb.	.15	- —
Monobutylether, dms., c.l., works.	lb.	.18	- —
l.c.l., works	lb.	.19	- .22
tanks, works	lb.	.17	- —
Monoethylether, dms., c.l., works.	lb.	.15	- —
l.c.l., works	lb.	.16	- —
tanks, works	lb.	.14	- —
Monoethylether, acetate, dms., c.l., works.	lb.	.19	- —
l.c.l., dms.	lb.	.14	- —
tanks, works	lb.	.12	- —
Monomethylether, dms., c.l., works.	lb.	.17	- —
l.c.l., works	lb.	.18	- —
tanks, works	lb.	.16	- —
Ethylidinaniline, dms.	lb.	.65	- .67½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.,	lb.	.06½	- —
l.c.l., same terms	lb.	.07	- —
tanks, same terms	lb.	.05½	- —
Ethylorthoparatluenesulphonamide, bbls.	lb.	.83	- —
Ethylparatoluenesulphonamide, bbls.	lb.	.60	- —
Eucalyptol, cns., dms.	lb.	.55	- .57
Eucalyptus leaves, bls.	lb.	.08	- —
Eugenol, bgs., cns.	lb.	1.90	- 2.15
Euphorbia, bls.	lb.	.05	- .06

F

Feldspar, enamel, 100 mesh, bulk, works.	ton.	14.00	-17.50
glass, 20 mesh, bulk, works.	ton.	9.75	-13.25
pottery, bulk, Me. works.	ton.	17.00	-19.00
N.C. works.	ton.	17.00	-19.00
Fennel seed, French type, bgs.,	lb.	.07½	- .08
Indian, bags.	lb.	.07½	- .07¾
German, large, bgs.	lb.	.18	- .19
small, bgs.	lb.	.13	- .14
Fenugreek seed, bgs.	lb.	.03¾	- .04¼
Ferric sulphate, dms., works.	ton.	35.00	-40.00
Film scrap, colors, dark, cs., 1,000 lbs., or over, works.	lb.	.12½	- —
smaller lots, works.	lb.	.13	- —
light, ca., 1,000 lbs. or over, works.	lb.	.13½	- —
smaller lots, works.	lb.	.14	- —
water white, cs., 1,000 lbs., or over, works.	lb.	.14½	- —
smaller lots, works.	lb.	.15	- —
Fir balsam, Canada, cns.	gal.	15.00	-16.00
Oregon, bbls.	gal.	1.35	- 1.40
Fish berries, bgs.	lb.	.08	- .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures.	unit-ton.	3.00 &	.10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	46.00	-48.00
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts.	unit-ton.	2.75 &	.50
Fish scrap, sardine, meal, Japanese, 11½% ammon., bgs., c.if. ports, shipt.	ton.	42.00	- —
spot or nearby	ton.	44.00	Nom.
Flake, white, bbls., kgs.	lb.	.10¼	- —
Fleaseed, French, black, bgs.	lb.	.11	- .12
Indian, blonde, bgs.	lb.	.08	- .08½
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines,	ton.	31.50	- —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines.	ton.	19.00	-20.00
No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines.	ton.	20.00	-21.00
imported, 85% not over 5% duty paid.	ton.	23.50	-24.00
Formaldehyde, bbls., c.l., works,	lb.	.05¾	- —
l.c.l., works	lb.	.06½	- —
dms., c.l., works	lb.	.05½	- —
l.c.l., works	lb.	.05¾	- —
tanks, works	lb.	.04½	- —
Fringetree bark, bls.	lb.	.12	- .13
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines.	ton.	10.00	- —
import, bgs., c.l., ex dock.	ton.	23.00	- —
l.c.l., ex whse.	ton.	30.00	- —
Furfural, refd., c.l., works,	lb.	.15	- —
l.c.l., works	lb.	.17½	- .25
tech., dms., contracts, 150,000 lbs.	lb.	.10	- —
c.l., works	lb.	.12½	- —
l.c.l., works	lb.	.15	- .20
tanks, works	lb.	.09	- —
Fusel oil, refd., dms., incl., dlvd.,	lb.	.12½	- .14
Fustic extract, cryst., bbls.	lb.	.22	- .26
liquid, bbls.	lb.	.09½	- .13
solid, dms.	lb.	.17½	- .19½

G

G salt, bbls.	lb.	.43	- —
Galangal root, bls.	lb.	.09	- .10
Gall extract, bbls.	lb.	.19	- .20
Gambier, common, bgs.	lb.	.06¾	- .07¾
plantation, bgs.	lb.	.08¼	- .09¾
Cubes, Singapore, bgs.	lb.	.10½	- .11
Extract, bbls.	lb.	.06½	- .09½
Gasoline at refinery:—			
Bayonne, US motor, below 65 octane, tanks.	gal.	.07¼	- —
65 octane and above, tanks,	gal.	.07½	- —
California, 54-58, tanks.	gal.	.06¾	- .08¼
Gulf Coast, U. S. Motor, bulk,	gal.	.04⅞	- —
60-62, 390 e.p., bulk, export,	gal.	.04⅞	- —
60-62, 400 e.p., bulk, export,	gal.	.04⅞	- —
64-66, 375 e.p., bulk, export,	gal.	.05	- .05¼
Louisiana-Arkansas, US motor, 62 octane, tanks.	gal.	.04¼	- .04½
63-66 octane, tanks.	gal.	.04½	- .04⅝
67-69 octane, tanks.	gal.	.04⅞	- .05
70-72 octane, tanks.	gal.	.05½	- .05¾
Oklahoma-Texas, US motor, 62 octane and below, tanks.	gal.	.04¼	- .04¼
third grade, tanks.	gal.	.04¼	- .04¼
63-68 octane, tanks.	gal.	.04	- —
67-69 octane, tanks.	gal.	.04⅝	- —
70-72 octane, tanks.	gal.	.04¾	- .05¼
natural, 12-lb. v. p., tanks,	gal.	.03½	- .03½
14-lb. v.p., tanks.	gal.	.03⅝	- —
18-lb. v.p., tanks.	gal.	.02⅝	- .02¾
22-lb. v.p., tanks.	gal.	.02¾	- —
26-70 lb., v.p., tanks.	gal.	.02¼	- .02⅝
Pennsylvania, US motor, below 60 octane tanks.	gal.	.05	- —
65 octane, tanks.	gal.	.06½	- —
52-56 450 e.p., naphtha, tanks.	gal.	.04¾	- .05
Gelatin, silver, cs.	lb.	.45	- .50
Gelsemium root, bls.	lb.	.11	- .12
Gentian root, bls.	lb.	.09	- .10
grd., bbls., bxs.	lb.	.12	- .13
powd., bbls., bxs.	lb.	.13	- .14
Geraniol, cns., dms.	lb.	.67	- 3.00
Geranyl acetate, bots., dms.	lb.	1.20	- 2.50
Ginger root, African, bgs.	lb.	.07¼	- .07½
Cochin, lemon, bgs.	lb.	.10	- .10½
Jamaica, bold, bgs.	lb.	.15	- .15½
grinding, bright, bgs.	lb.	.12½	- .13
medium, bold, bgs.	lb.	.11¾	- .12
Japanese, bgs.	lb.	.08¾	- .09
Ginseng fibers, cs.	lb.	1.75	- 3.00
Root, cultivated, cs.	lb.	10.00	-11.00
wild, Southern, cs.	lb.	6.00	- 7.00
Glauber's salt, anhyd. (see Soda sulphate).			
cryst., dom., bgs., bbls., c.l., works.	100 lbs.	.95	- 1.15
5 tons or over, works.	100 lbs.	1.05	- 1.25
less than 5 tons, works.	100 lbs.	1.15	- 1.35
import., bgs.	100 lbs.	1.05	- 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd.	lb.	.13	- —
l.c.l., dlvd.	lb.	.13½	- —
36/58, bgs., c.l., dlvd.	lb.	.13½	- —
l.c.l., dlvd.	lb.	.14	- —
58/82, bgs., c.l., dlvd.	lb.	.14½	- —
l.c.l., dlvd.	lb.	.15	- —
82/108, bgs., c.l., dlvd.	lb.	.15	- —
l.c.l., dlvd.	lb.	.15½	- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest.	lb.	.15	- —
l.c.l., same basis.	lb.	.15½	- —
60/164, bgs., c.l., same basis.	lb.	.16½	- —
l.c.l., same basis.	lb.	.17	- —
67/122, bgs., c.l., same basis.	lb.	.17½	- —
l.c.l., same basis.	lb.	.18	- —
75/222, bgs., c.l., same basis,	lb.	.18½	- —
l.c.l., same basis.	lb.	.19½	- —
83/251,bgs.,c.l.,same basis.	lb.	.19½	- —
l.c.l., same basis.	lb.	.20½	- —
92/288,bgs.,c.l.,same basis.	lb.	.20½	- —
l.c.l., same basis.	lb.	.21½	- —
102/315, bgs., c.l., same basis	lb.	.21	- —
l.c.l., same basis.	lb.	.22	- —
113/347, bgs., c.l., same basis	lb.	.22	- —
l.c.l., same basis.	lb.	.23	- —
125/379, bgs., c.l., same basis	lb.	.23	- —
l.c.l., same basis.	lb.	.24	- —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.			
Glycerin, C.P., cns., l.c.l.	lb.	.16¼	- .16¾
dms., c.l.	lb.	.14¼	- —
l.c.l.,	lb.	.14¾	- —
tanks	lb.	.14	- —
dynamite, dms, c.l.	lb.	.12¾	- —
l.c.l.	lb.	.13¼	- —
tanks	lb.	.12¼	- —
heavy gravity dms., c.l.	lb.	.13¾	- —
l.c.l	lb.	.14¼	- —
tanks	lb.	.13½	- —
saponification, basis 88%, dms., returnable, dlvd.	lb.	.09½	- .09¾
soaplye, basis 80%, dms., returnable, dlvd.	lb.	.08½	- .08¾
Glycol boriborate, dms.	lb.	.23	- —
Phthalate, dms.	lb.	.38	- —
Stearate, dms.	lb.	.25	- —
Gold, U.S. purchase price.	oz.	35.00	- —
Chloride, acid brown, bots.	oz.	20.75	-21.00
yellow, bots.	oz.	18.75	-19.00

Dyes—Gum, Copal

Gold-soda chloride, photo., bots.,	oz.	13.00	- —
U.S.P. IX, bots.	oz.	14.50	-14.75
Gold of pleasure seed, bgs.	lb.	.12	- .12½
Goldenseal root, bls.	lb.	3.20	- 3.25
powd., bxs.	lb.	3.35	- 3.40
Grains of paradise, bgs.	lb.	.23	- .23½
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.	lb.	.06	- —
bbls., c.l., works	lb.	.06¼	- —
l.c.l., works	lb.	.06½	- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works.	lb.	.02½	- —
bbls., c.l., works.	lb.	.02⅝	- —
l.c.l., works	lb.	.03¼	- —
80% graphitic carbon, bgs., c.l., works.	lb.	.03½	- —
bbls., c.l., works.	lb.	.03⅝	- —
l.c.l., works	lb.	.04½	- —
Grease, house, trcs.	lb.	.04¾	- .04⅞
White, trcs.	lb.	.05¾	- .05⅞
Yellow, trcs.	lb.	.04¾	- .04⅞
Wool (see Adeps lanae and Degras).			
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	.21	- —
6-10%, bbls., same basis.	lb.	.22	- —
11-15%, bbls., same basis.	lb.	.23	- —
16-20%, bbls., same basis.	lb.	.23½	- —
21-25%, bbls., same basis.	lb.	.24	- —
26-30%, bbls., same basis.	lb.	.24½	- —
31-35%, bbls., same basis.	lb.	.25½	- —
36-40%, bbls., same basis.	lb.	.27	- —
41-45%, bbls., same basis.	lb.	.28½	- —
46-50%, bbls., same basis.	lb.	.30	- —
over 50%, bbls., same basis	lb.	.31	- —

Chrome green prices are ¼c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P. color content up 5%, bbls., same basis,	lb.	.06	- —
6-10%, bbls., same basis.	lb.	.06¾	- —
11-13%, bbls., same basis.	lb.	.07¼	- —
14-16%, bbls., same basis.	lb.	.07½	- —
17-19%, bbls., same basis.	lb.	.07¾	- —
20-21%, bbls., same basis.	lb.	.08	- —
22-23%, bbls., same basis.	lb.	.08¼	- —
24-25%, bbls., same basis.	lb.	.08½	- —
26-27%, bbls., same basis.	lb.	.08¾	- —
28-29%, bbls., same basis.	lb.	.09¼	- —
30-31%, bbls., same basis.	lb.	.10	- —
32-33%, bbls., same basis.	lb.	.11¼	- —
34-35%, bbls., same basis.	lb.	.12¼	- —
36-40%, bbls., same basis.	lb.	.14½	- —
41-45%, bbls., same basis.	lb.	.16¼	- —
46-50%, bbls., same basis.	lb.	.16¾	- —
51-55%, bbls., same basis.	lb.	.17¼	- —
56-60%, bbls., same basis.	lb.	.17¾	- —
61-65%, bbls., same basis.	lb.	.18¼	- —
66-70%, bbls., same basis.	lb.	.19¼	- —
71-75%, bbls., same basis.	lb.	.20¼	- —
Chrome, oxide, dom., pure, bbl.	lb.	.22	- —
ceramic, light shades, bbls., c.l., works.	lb.	.28	- —
l.c.l., works	lb.	.30	- —
standard grade, bbls., works.	lb.	.21	- .22
Tetrahydroxide, bbls.	lb.	.85	- —
Paris (see P)			
Tungstated, brilliant, kgs.	lb.	3.50	- —
emerald, kgs.	lb.	2.35	- —
Verdigris (see V)			
Green dyes are listed under Dyes.			
Grindelia robusta, bls.	lb.	.08	- .09
Guaiac resin, cs.	lb.	.27	- .28
strained, cs.	lb.	.90	- 1.00
Wood, bls.	lb.	.04	- .05
Guaiacol, liq., djns.	lb.	1.55	- 1.70
Carbonate, fib. dms., 25 lbs.	lb.	2.40	- 2.74
Guarana, powd., cs.	lb.	1.05	- 1.10
Gum, aloe (see A).			
Ammoniac, tears., cs.	lb.	.85	- .90
Arabic, amber sorts, cleaned, bgs.	lb.	.09¼	- .09⅛
white, sorts, 1, bgs.	lb.	.23	- .24
2, bgs.	lb.	.21	- .22
powd., bbls.	lb.	.12	- .12½
Asafetida (see A).			
Asphaltum (see A).			
Benzoin, Siam, cs.	lb.	1.40	- 1.65
Sumatra, cs.	lb.	.17½	- .19
Camphor (see C).			
Chicle, prime, 33% moisture, bgs., ton lots.	lb.	.88	- .89
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran.	lb.	.37½	- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.			
Copal, Congo 2, cloudy, white, bgs., c.l., same basis.	lb.	.28¾	- —
3, selected pale straw bold, bgs., c.l., same basis.	lb.	.18¼	- —
4, pale bold straw, bgs., c.l. same basis.	lb.	.18¾	- —
5, pale straw bold, bgs., c.l. same basis.	lb.	.14¾	- —
6, pale amber bold, bgs., c.l., same basis.	lb.	.15¾	- —
7, pale, straw bold, bgs., c.l., same basis.	lb.	.12¾	- —
8, light amber bold, bgs., c.l., same basis.	lb.	.11¾	- —
9, medium light amber, bold, bgs., c.l., same basis.	lb.	.09¾	- —
10, rescraped hard amber bold, bgs., c.l., same basis,	lb.	.09¾	- —
11, hard dark amber bold, bgs., c.l., same basis.	lb.	.08¼	- —
12, selected bold sorts, bgs., c.l., same basis.	lb.	.08¾	- —
13, dark sorts bold, bgs., c.l., same basis.	lb.	.05¾	- —
14, selected, fully scraped, ivory, bgs., c.l., same basis.	lb.	.17¾	- —
15, ordinary ivory sorts, bgs., c.l., same basis.	lb.	.06¾	- —
16, inferior ivory sorts, bgs., c.l., same basis.	lb.	.05¾	- —
17, pale, fingers, bgs., c.l., same basis.	lb.	.15¾	- —
18, pale straw nubs, bgs., c.l., same basis.	lb.	.12¼	- —
19, pale straw nubs, bgs., c.l., same basis.	lb.	.11¾	- —
20, hard dark amber nubs, bgs., c.l., same basis.	lb.	.08¾	- —
21, ordinary selected nubs, c.l., same basis.	lb.	.07¼	- —
22, small mixed nubs, bgs., c.l., same basis.	lb.	.06¾	- —
23, dark mixed nubs, bgs., c.l., same basis.	lb.	.06¾	- —
24, No. 1, ivory nubs, bgs., c.l., same basis.	lb.	.14¼	- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis,	lb.	.07	- —

Gum Copal—Lime

Gum, copal, Congo, 26, pale, bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
28, pale dust, bgs., c.l., same basis..lb. .05 - —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05 - —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04¾- —
nubs and chips, bgs., c.l., same basis..lb. .04¾- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .12½- —
chips, bgs., c.l., same basis..lb. .05¾- —
dust,.bgs.,c.l.,same basis, lb. .03¼- —
nubs, bgs., c.l., same basis..lb. .10¾- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
chips, bgs., c.l., same basis, lb. .04¾- —
dust,bgs.,c.l.,same basis.lb. .03¼- —
nubs, bgs.,c.l.,same basis.lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11½- —
light, bskts., c.l., same basis..lb. .13¾- —
Loba A, bskts., c.l., same basis..lb. .12 - —
B, bskts.,c.l.,same basis..lb. .11 - —
C, bskts.,c.l.,same basis..lb. .10¼- —
CNE, bskts., c.l., same basis..lb. .06¾- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts., c.l., same basis, lb. .06¾- —
DU, bskts., c.l., same basis, lb. .08¾- —
dust, bskts.,c.l., same basis, lb. .05¾- —
Sambas and white split chips, bskts., c.l., same basis..lb. .15 - —
Singapore, dust., bskts., c.l., same basis..lb. .06¾- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis..lb. .08 - —
MA, bskts., c.l., same basis, lb. .05¾- —
MB, bskts., c.l., same basis, lb. .06 - —
WS, bskts., c.l., same basis, lb. .08 - —
Philippine Manila, amber sorts, bskts., c.l., same basis, lb. .06¾- —
chips, pale, bskts., c.l., same basis..lb. .08½- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
nubs, bskts., c.l., same basis..lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .16¼- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .09¾- —
split, bgs., c.l., same basis, lb. .13¾- —
nubs, bgs., c.l., same basis, lb. .12¼- —
Dammar, Batavia, A, cs, c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis.lb. .16¾- —
A/E, cs., c.l., same basis..lb. .13¾- —
B, cs., c.l., same basis...lb. .20¼- —
C, cs., c.l., same basis...lb. .16¾- —
D, cs., c.l., same basis..lb. .13¾- —
dust., cs., c.l., same basis..lb. .06 - —
E, cs., c.l., same basis...lb. .07¾- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore 1, cs., c.l., same basis..lb. .17¾- —
2, cs, c.l., same basis....lb. .11¾- —
3, cs., c.l., same basis....lb. .05½- —
chips, cs., c.l., same basis, lb. .11¾- —
dust., cs., c.l., same basis.lb. .05¼- —
seeds, cs., c.l., same basis, lb. .08¼- —
Elemi, cns., c.l., same basis as copal..lb. .08½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¾- .07
less than 10,000 lbs., same basis..lb. .07 - .07½
dlvd., western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or stright c.l., lb. .07¼- .07½
l.c.l., same basis.....lb. .07½- .08
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l. lb. .07½- .08
l.c.l., same basis.....lb. .07¾- .08¼
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .90 - .95
Gamboge, pipe, cs.....lb. .65 - .70
powd., bbls.....lb. .70 - .75
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karava, bbls., bxs., dms... lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .12½- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 - 2.75
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .35 - .36
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs.....lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .25 - .26
Gum, scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .23 - .27
sorts, bgs.....lb. .09¼- .09½
Talha, bgs.....lb. .07½- 08
Thus, bbls.....280 lbs. 14.00 -14.25
Tragacanth, Allepo 1, cs....lb. 2.65 - 2.70
2, cs.....lb. 2.35 - 2.40
3, cs.....lb. 2.30 - 2.35
4, cs.....lb. 2.25 - 2.30
5, cs.....lb. 2.20 - 2.25
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton. 21.15 - —
Medicine Lodge, Kans., frt. equald..ton. 17.00 - —
New Brighton, N. Y., frt. equald..ton. 27.15 - —
Southard, Okla., frt. equald..ton. 17.00 - —
Sweetwater, Tex., frt. equald..ton. 21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton. 12.50 - —
Blue Rapids, Kans., frt. equald..ton. 12.50 - —
New Brighton, N. Y., frt. equald..ton. 15.70 - —
Brighton, N. Y., frt. equald..ton. 15.70 - —
Southard, Okla., frt. equald..ton. 12.50 - —
Sweetwater, Tex., frt. equald..ton. 12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla., Sweetwater, Tex., frt. equald, ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton. 12.00 - —
import, bgs., ex dock....ton. 27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls. lb. .12 - .13
Helonias root, bls.....lb. .59 - .60
Hematine crystals, bbls.....lb. .18 - .28
Hemlock extract, 25% tan., bbls. lb. .03 - .04
Hempseed, Manchur, bgs.....lb. .06 - .06½
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexaline, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz. 13.00 - —
25 ozs.....oz. 13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.35 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .10 - .11
Hydrangea root, bls.....lb. .09 - .10
Hydrastine, bots., 4 ozs.....oz. 17.25 - —
cns., 16 ozs.....oz. 17.00 - —
Hydrochloride, bots., 4 ozs...oz. 17.25 - —
cns., 16 oz.....oz. 17.00 - —
Sulphate, bots., 4 ozs.....oz. 19.25 - —
cns., 16 oz.....oz. 19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E.ofMiss.R. lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz. 18.00 -19.00
Hyoscyamine, bots.....oz. 15.00 - —
Hydrobromide, bots.....oz. 15.00 - —
Sulphate, bots.....oz. 15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs.....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indel, CP, bots.....lb. 32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.01 - —
kgs., 150 lbs.....lb. .95 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.65 - —
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal. .90 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jars, 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.10 - 1.15
powd., bxs.....lb. 1.20 - 1.25
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .20 - .22
prime, bleached, bls.....lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd...lb. .02 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhyd., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
Iron, chloride, liquors, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs.....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns.....lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .87 - .88
bots.....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns.....lb. .52 - —
scales, cns.....lb. .83 - .86
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate), USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs.....lb. .44 - —
jars.....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs.....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .45 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06¼- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .06¼- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l.....lb. .08 - —
tanks.....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .16 - .17
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .03¾- .04

K

Kamala, tins.....lb. .32 - .33
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne,41-43 w.w., tanks.gal. .05¾- —
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk..gal. .03¾- .04
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04½- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04¾
42-44 w.w., tanks.....gal. .04½- .04½
Pennsylvania, 45 w.w., tanks, gal. .04¾- —
46 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05½- —
Kerosene, tankwagon:—
Atlanta.....gal. .14 - —
Boston.....gal. .08½- —
Chicago.....gal. .10¼- —
Cincinnati.....gal. .13 - —
Denver.....gal. .11¼- —
Louisville.....gal. .10½- —
Minneapolis.....gal. .109 - —
New Orleans.....gal. .12 - —
New York.....gal. .08¾- —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07½- .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 9.00 - 9.25
Middlewestern, trcs....100 lbs. 9.15 - 9.25
Neutral, trcs.....100 lbs. 10.00 -10.25
Western, choice, trcs..100 lbs. 9.15 - 9.25
Compound, trcs.....100 lbs. 10.25 -10.50
Larkspur seed, bgs.....lb. .30 - .33
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05
Lavender flowers, ordinary, bls. .35 - .49
select, bls.....lb. .46 - .48
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —
l.c.l., bgs., dealers, E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .12¾- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for wurks or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd. E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars.....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .17½- —
5-lb. cont., f.o.b. works....lb. .20½- —
Lead, nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0765- —
other points.....lb. .0740- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08 - —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Colo., Mont., N. Mex., Wyo..lb. .08¼- —
other points....lb. .07¾- —
smaller lots, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points....lb. .08¼- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc. lb. .0790- —
other points.....lb. .0765- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points....lb. .08½- —
98%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0815- —
other points....lb. .0790- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points....lb. .08¼- —
smaller lots, dlvd. Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points....lb. .08¾- —
in oil, 95% min., 100-lb. kgs., lb. .11¾- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots.....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —
other points.....lb. .06¾- —
l.c.l.,dlvd..Ariz., etc.lb. .07¼- —
other points.....lb. .07 - —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06¾- —
other points.....lb. .06 - —
l.c.l., dlvd., Ariz., etc...lb. .06½- —
other points.....lb. .06¾- —
in oil, 100-lb. kgs., consumers, lb. .11¼- —
dealers.....lb. .09¼- —
painters.....lb. .10¼- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .25
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ....ton. 7.50 - —
Berkley, W. Va.....ton. 7.50 - —
California, northern..ton. 11.80 - —
southern.....ton. 11.45 - —
Cedar Hollow, Pa...ton. 8.00 - —
Chicago.....ton. 7.25 - —
Crab Orchard, Tenn.ton. 9.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 7.00 - —
Easton, La.....ton. 8.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.50 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Potoskey, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bgs., Bellefonte, Pa...ton. 9.00 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo.....ton. 10.00 - —
California, northern..ton. 15.30 - —
southern.....ton. 13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago.....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton. 12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Easton, La. .....ton. 10.00 - —
Farnams, Mass. ....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton. 14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 9.00 - —
Milltown, Ind.....ton. 12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton. 12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —

Lime, chemical, spray, paper bgs., f.o.b., Bellefonte, Pa. ton 9.00 - —
Durbin, Ohio ....ton. 9.00 - —
Farnams, Mass....ton. 9.00 - —
Gibsonberg, Ohio....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. ....ton. 9.00 - —
Scioto, Ohio ....ton. 9.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Woodville, Ohio....ton.11.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07½- .08½
dms., same basis....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis....lb. .12 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10½- —
c.l. and l.c.l....gal. .13 - .14
Zone 6, tanks, dealers....gal. .07½- —
30-50 dms....gal. .09 - .13
Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.
Linalool, cns....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .19 - .20
without leaves, bls....lb. .16 - .17
Linseed cake, bgs., export....ton.31.50 -31.75
Meal, 34%, dom., bgs....ton.44.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0665- —
dlvd., other points....lb. .0640- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07 - —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07½- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points ....lb. .06¾- —
smaller lots, dlvd., Ala., etc. lb. .07½- —
Ariz., etc. ....lb. .08 - —
Colo., etc. ....lb. .07¾- —
other points ....lb. .07¼- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works....lb. 1.93 - —
25 lbs., works....lb. 1.95 - —
Carbonate, 250-lb., bbls....lb. 1.25 - —
100-lb. kgs....lb. 1.30 - —
Chloride, 25-lb. jars....lb. 1.65 - 1.70
Citrate, 250-lb. bbls....lb. 1.40 - —
25-lb. dms....lb. 1.45 - —
100-lb. kgs....lb. 1.40 - —
Iodide, 5-lb. bots....lb. 4.85 - —
25-lb. jars....lb. 4.70 - —
Fluoride, bbls. ....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex wrse. Pac. Cst....lb. .05½- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04½- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls....lb. .18 - .19
Lobelia herb, bls....lb. .13 - .14
Seed, bgs. ....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls....lb. .09½- .11½
solid, bxs.' ....lb. .15 - .19
Lovage root, dom.., bls....lb. .55 - .65
import, bls. ....lb. .35 - .37
Lupulin, N.E., tins....lb. 1.15 - 1.50
Lycopodium, cs. ....lb. 1.05 - 1.10

M

Mace, Banda, cs....lb. .52 - .53
Batavia, cs. ....lb. .42 - .43
Siauw, 1, cs....lb. .46 - .47
Madder, Dutch, bbls....lb. .22 - .25
Magnesia arsenate, cyl....lb. .18 - .20
Calcined, light, tech., bbls., same basis, 1,000 to 5,000 lbs. lb. .23 - —
200 to 1,000 lbs....lb. .24 - —
single bbls., cs., or carton..lb. .25 - —
1-lb. tins, same basis, 1,000 to 5,000 lbs..lb. .45 - —
200 to 1,000 lbs....lb. .46 - —
single tin ....lb. .47 - —
USP, bbls., same basis, 1,000 to 5,000 lbs..lb. .24 - —
200 to 1,000 lbs....lb. .25 - —
single bbl., cs., or carton..lb. .48 - —
Special light, USP, bbls., same basis, 1,000 to 5,000 lbs. lb. .26 - —
200 to 1,000 lbs....lb. .27 - —
single bbl., cs., or carton..lb. .28 - —
Heavy, tech., bbls., same basis, 1,000 to 5,000 lbs. lb. .29 - —
200 to 1,000 lbs....lb. .30 - —
single bbl., cs., or carton..lb. .31 - —
1-lb. pkgs., same basis, 1,000 to 5,000 lbs...lb. .50 - —
200 to 1,000 lbs....lb. .51 - —
single pkg. ....lb. .52 - —
Magnesia, calcined, U.S.P., bbls., same basis, 1,000 to 5,000 lbs..lb. .30 - —
200 to 1,000 lbs....lb. .31 - —
single bbl., cs., or carton..lb. .32 - —
1-lb. pkgs., same basis, 1,000 to 5,000 lbs... lb. .51 - —
200 to 1,000 lbs....lb. .52 - —
single pkg. ....lb. .53 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. ....lb. .07 - —
bbls., c.l....lb. .07¼- —
l.c.l. ....lb. .08 - —
kgs., c.l....lb. .08¾- —
l.c.l. ....lb. .09½- —
USP, Zone 1, bbls., c.l....lb. .08¼- —
l.c.l. ....lb. .09 - —
kgs., c.l....lb. .09¾- —
l.c.l. ....lb. .10½- —
Magnesia zones:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.
Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. ....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls. ....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton ....lb. .22 - —
1,000-2,000 lbs. ....lb. .23 - —
smaller lots ....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .29 - —
dms., 25 lbs....lb. .34 - —
kgs., 100 lbs....lb. .30 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots ....lb. .55 - —
cns., ...lb. .75 - .80
Malva flowers, black, bls....lb. .45 - .47
blue, bls. ....lb. .45 - .50
Leaves, bls. ....lb. .11 - .12
Manaca root, bls. ....lb. .20 - .21
Mandrake root, bls....lb. .13 - .14
Manganese acetate, dms....lb. .26½- —
Arsenate, bgs. ....lb. .12 - .12½
Borate, tech., bbls....lb. .15 - .16
Carbonate, bbls. ....lb. .19 - —
Chloride, bbls. ....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.61.50 - —
l.c.l., 5 tons, works..ton.64.50 - —
smaller lots, works..ton.69.50 - —
burlap bgs., c.l., works.ton.59.50 - —
l.c.l., 5 tons, works..ton.62.50 - —
smaller lots, works.ton.67.50 - —
paper bgs , c.l., works.ton.57.50 - —
l.c.l., 5 tons, works.ton.60.50 - —
84-87% bgs., 28-40 tons, wks. ton.57.00 - —
5-15 tons, wks....ton.60.00 - —
½-4 tons, wks....ton.65.00 - —
300-600 lbs., wks....ton.75.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots ....lb. 2.71 - —
cns., 25 lbs. ....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots ....lb. .71 - —
cns., 25 lbs. ....lb. .81 - —
Hydrate, bbls., dlvd....lb. .82 - —
Iodide, bots., 5 lbs....lb. 5.25 - —
jars, 25 lbs. ....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.45.00 -47.00
Resinate, fused, 3½%, bbls.lb. .08¼- .08½
precip., dms. ....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. ....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.25.00 - —
Manna flake, large, cs....lb. .40 - .41
small, cs....lb. .22 - .23
Mannitol, reagent, pure cryst., cs., works..lb. 1.30 - —
commercial, cryst., bbl., ton lots..lb. .55 - —
smaller lots....lb. .70 - —
Marble flour, bgs....ton.12.00 -14.00
Marjoram, French, bbls....lb. .16 - .16½
Tunisan, bls. ....lb. .15½- .16
Matico leaves, bls....lb. .24 - .25
Menthol, USP, natural, cs....lb. 3.20 - 3.25
synthetic, tech., cs....lb. 2.25 - —
USP, cs. ....lb. 3.00 - —
liquid, dms., 50 lbs....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots ....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. ....lb. .77 - —
25 lbs. ....lb. .79 - —
50%, pails, 50 lbs....lb. 1.11 - —
25 lbs. ....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs....lb. 1.81 - —
fib., dms., 100 lbs....lb. 1.68 - —
jars, 25 lbs....lb. 1.70 - —
Chloride (see Calomel).
Mercury, iodide, red, N. F., bots., 5 lbs..lb. 3.56 - —
cns., 25 lbs....lb. 3.45 - —
fib., dms., 100 lbs....lb. 3.45 - —
yellow, bots., 5 lbs....lb. 3.66 - —
cns., 25 lbs....lb. 3.55 - —
fib., dms., 100 lbs....lb. 3.55 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.21 - —
USP, fib. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs....lb. 1.10 - 1.12
Mesityl oxide, cns., works....lb. .25½- .27½
dms., c.l., works....lb. .21 - —
l.c.l., works....lb. .21½- —
tanks, works....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in...pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in. ....pkg.16.15 -17.50
4x4 in. ....pkg.19.50 -20.00
3⅜x5⅞ in. ....pkg.22.50 -23.00
3⅜x5⅞ in....pkg.24.50 -25.00
Silver, 3¾x3¾ in....pkg. 2.75 - 2.85
Metanitroanilin, kgs....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - —
97%, tanks....gal. .32 - —
95%, tanks....gal. .31 - —
Methyl acetone, tanks....gal. .25 - —
Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums, car lots.
pure, synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld....gal. .41 - —
3, frt. alld....gal. .42 - —
4, frt. alld....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
Methanol, pure, synth., dms., l.c.l., zone 2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld....gal. .35½- —
3, frt. alld....gal. .36½- —
4, frt. alld....gal. .37 - —
Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.
Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R....lb. .09½- —
tanks, dlvd. E. of Miss R. lb. .07 - —
W. of Miss. R....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R....lb. .08½- —
l.c.l., dlvd. E. of Miss. R..lb. .08 - —
W. of Miss. R. ....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. ....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, natural, tanks, gal. .25 - —
Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.
Methyl, acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast....gal. .42 - —
Zone 4....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal .475 - —
3, Pacific Coast....gal. .45 - —
Zone 4....gal. .605 - —
tanks, Zone 1, frt. alld. E. of Rockies....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast....gal. .35 - —
Zone 4....gal. .355 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.
Methyl alcohol, (see Methanol).
Anthraniate, bots. ....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs....lb. .70 - 1.20
Bromide, cyl. ....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders.lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —
Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.
Cinnamate, bls. ....lb. 2.45 - 3.75
Formate, dms. ....lb. .35 - .36
Lactate, dms., l.c.l., dlvd..lb. .30 - —
Iodide, bots. ....lb. 3.68 - 3.83
Salicylate, dms. ....lb. .40 - .42
cns. ....lb. .42 - .45
Violet toner, bbls....lb. .38 - —
permanent, bbls. ....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms....lb. .12 - —
tanks, same terms....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs....lb. 2.35 - —
Chloride, dms., f.o.b. works..lb. .18 - .22
Methylheptenone, bots....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp. bots....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms.. c.l....lb. .16 - —
l.c.l. ....lb. .20 - —
tanks ....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.15.00 - —
325 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, l.c.l., works..ton.30.00 - —
l.c.l., 5,000 lbs., works, ton.40.00 - —

Lime—Nitrocellulose

Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, l.c.l., 1,000 lbs. works.lb. .02 - —
500 lbs., works....lb. .02½- —
100 lbs., works....lb. .03 - —
roofing, bgs., extra and returnable, c.l., works..ton.29.00 - —
l.c.l., 5,000 lbs., works, ton.39.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
l.c.l., 5,000 lbs., works ton.45.00 - —
1,000 lbs., works..lb. .02½- —
500 lbs., works....lb. .03 - —
100 lbs., works....lb. .03½- —
wet-ground, paint or lacquer, bgs., c.l., dlvd. E..lb. .04¼- —
l.c.l., 1,000 lbs., dlvd. E..lb. .04¾- —
smaller lots, dlvd. E..lb. .05¼- —
paper, wall or coated bgs., c.l., frt. alld., E..lb. .04½- —
l.c.l., 1,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E..lb. .05½- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., 1,000 lbs., frt. alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —
wet-ground mica prices are ½c. per pound higher on Pacific Coast.
Milk powder, skimmed, roller, bbls., c.l..lb. .06 - —
l.c.l. ....lb. .07 - —
spray, bbls., c.l....lb. .06½- —
l.c.l. ....lb. .07½- —
unskimmed, roller, bbls., c.l., lb. .16½- —
l.c.l. ....lb. .17½- —
spray, bbls., c.l....lb. .16½- —
l.c.l. ....lb. .17½- —
Millet seed, yellow, bgs....lb. .0285- .0305
hulled, bgs. ....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .06½- —
New Orleans....gal. .06 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks., lb. .52 - —
l.c.l., works ....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms. ....lb. .06 - .06½
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms. ....lb. .25 - —
tanks ....lb. .23 - —
Monoethylanilin, dms. ....lb. .77 Nom.
Monomethylamine, dms., c.l., dlvd..lb. .65 - —
l.c.l., dlvd....lb. .70 - —
Monomethyipara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs....oz.11.10 - —
cns., 25 ozs....oz.10.90 - —
Acetate, bots., 5 ozs....oz. 9.00 - —
cns., 25 ozs....oz. 8.80 - —
Ethylhydrochloride, bots. 5 ozs., oz.10.75 - —
cns., 25 ozs....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs....oz. 8.75 - —
Sulphate, bots., 5 ozs....oz. 9.00 - —
cns., 25 ozs....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works...lb. 1.00 - —
Mullein flowers, cns....lb. .80 - .85
Leaves, bls. ....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.25 - —
5 lbs. to 75 lbs....lb. 3.50 - —
1 lb. ....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs....lb. 3.65 - —
1 lb. ....lb. 3.80 - —
xylol, cns., 100 lbs. or more.lb. 1.00 - —
5 lbs. to 75 lbs....lb. 1.10 - —
1 lb. ....lb. 1.25 - —
Musk root, bls....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .05 - .05½
California, brown, bgs....lb. .07 - .07½
yellow, bgs....lb. No stocks.
Chinese, yellow, bgs....lb. .05¾- .06¼
Danish, yellow, bgs....lb. .08 - .08½
Dutch, yellow, bgs....lb. .07¾- .08
English, yellow, bgs....lb. .08½- .09
Hungarian, yellow, bgs....lb. .07¾- .08¼
Roumanian, yellow, bgs....lb. .06 - .06½
Myrobalans, J1, bgs., shipt...ton.27.50 - —
J2, bgs., shipt....ton.19.00 - —
R2, bgs., shipt....ton.17.50 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls....lb. .04⅜- —
powdered, 70% bbls....lb. .05⅜- —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks., 100 lbs. 2.35 - 2.85
78 deb., bgs., bbls., wks., 100 lbs. 2.75 - 3.35
import, bs., Atl. ports...100 lbs. 1.70 - 2.15
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works....lb. .06¾- —
50-lb. cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06½- —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Nerolin, cryst., cns....lb. 1.26 - 1.35
Nickel carbonate, bbls ....lb. .36 - .37½
Chloride, bbls. ....lb. .18 - .20
Oxide, black, bbls....lb. .35 - .38
Salt, bbls. ....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb. tins ....lb. .86½- —
Nitersake, bulk, works....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l. ....lb. .09 - —
tanks ....lb. .07 - —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .28 - —
Nitrocellulose, ester-soluble, bbls., l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —

Nitrocellulose—Petrolatum

Nitrocellulose, ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .20 - —
Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.
Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.00 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd.....unit-ton. No prices.
Chemical, Ill....unit-ton. No prices.
East Coast producing points..unit-ton. No prices.
Import, bgs., c.l.f. Atlantic ports, shipt..unit-ton. 2.65 - —
Nitronaphthalene, bbls.....lb. .24 - .26
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .49 - .50
110s, bgs., cs.....lb. .19 - .19½
West Indian, bgs.....lb. .10¾- .11
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .06¼- —
l.c.l., bbls., works.....lb. .06¾- —
Ocher (see Yellow).
Octanol, 100-140° C., mixed, dms., c.l., G.3..gal. .12¼- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
s.p.a., bots.....lb. 2.05 - 2.75
sweet, true, exp., cns.....lb. .65 - .68
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb. 61.25 -100.00
seed, bots.....lb. 70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .90 - .95
Apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06¾ Nom.
Bay, W. I., cns.....lb. 1.35 - 1.50
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers .....lb. 3.90 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .16 - .17
rectified, cns.....lb. .70 - .75
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .47 - .55
USP IX, cns. .....lb. .50 - .66
Calamus, cns. .....lb. 4.25 - 4.50
Camphor, sassafrassy, cns....lb. .19 - .20
dms. .....lb. .17 - .18
white, cns.....lb. .20 - .21
dms. .....lb. .17 - .18
Cananga, native, cns.....lb. 1.25 - 1.30
rectified, cns. .....lb. 1.80 - 1.85
Capsicum (oleoresin), USP X, cns..lb. 1.90 - 2.00
Caraway, USP, cns.....lb. 1.90 - 2.00
Cardamom, bots. .....lb. 15.00 -33.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.10
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l. .....lb. .12 - —
medicinal, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l. ..lb. .09½- —
l.c.l. .....lb. .10¼- —
(5-gal.), l.c.l. .....lb. .11½- —
tanks .....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l. .....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l. .....lb. .09¾- —
tanks .....lb. .08½- —
Castor oil, med. and No. 3 prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .06¼- .06¾
l.c.l. .....lb. .07¼- .08¾
75% (63% fat), dms., c.l...lb. .09 - .09¼
l.c.l. .....lb. .10 - .10½
80% (68% fat), dms., c.l...lb. .09½- .10½
l.c.l .....lb. .10½- .11
Cedarleaf, cns. .....lb. .75 - .80
dms. .....lb. .72 - .77
Cedarwood, Oregon, cns., dms. .....lb. **.28 - .30**
Southern, cns., dms.....lb. .20 - .23
Celery, bots.....lb. 8.75 -14.50
Chaulmoogra, USP, cns., 500 lbs. lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms.....lb. .12¼- .12½
tanks .....lb. .1150- .1160
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots. .....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .35 - .35½
dms. .....lb. .33½- .34
Java, dms.....lb. .38 - .40
Clove, makers, USP, cns....lb. 1.02 - —
dms. .....lb. 1.00 - —
Coconut, Manila, crude, tanks.lb. .03¾- —
Pac. Cst.....lb. .03⅛- —
edible, 76°, tax incl., dms., (returnable), c.l..lb. .09 - —
l.c.l. .....lb. .09¼- —
tanks .....lb. .08¼- —
Cod, Newfoundland, tanked, bbls..gal. .50 Nom.
Norwegian, shipt., bbls...gal. .27 - .29
Codliver, med., U.S.P., Norwegian, bbls..bbl. 26.00 - 27.00
Coriander, bots. .....lb. 18.00 -20.00
Corn, crude, tanks, works....lb. .07¼- .07⅝
refd., bbls.....lb. .09⅝- .09⅝
Cottonseed, dom., cooking, bbls..lb. .09½- —
salad, bbls.....lb. .09⅝- —
Import, Brazilian, semi-refd., dms..lb. .0465- —
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.60 - 3.00
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import., cns.....lb. 12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.75 - —
California, 24 plus, bulk..bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 - 3.25
weed, bots.....lb. 3.85 - 4.10
Dip (see D).
Erigeron, cns. .....lb. 2.40 - 2.55
Eucalyptus, cns. .....lb. .36 - .38
dms. .....lb. .34 - .36
Fennel, sweet, cns.....lb. 1.10 - 1.15
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .85 - 1.00
Oil, fuel, bunker, N. Y. and N. J. terminals:—
Monday .....bbl. .95 - —
Tuesday .....bbl. .95 - —
Wednesday .....bbl. .95 - —
Thursday .....bbl. .95 - —
Friday .....bbl. .95 - —
Saturday .....bbl. .95 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04⅜- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36 .....gal. .03½- .03¾
36-38 .....gal. .03½- .03⅞
38-40, straw.....gal. .03¾- .04
38-40 zero, 60 e.p.....gal. .03⅝- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .04½- .04¼
North Texas, bulk.....gal. .027⅛- .03
Oklahoma, bulk.....gal. .02⅞- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns.lb. 3.25 - 4.50
Bourbon, cns.....lb. 2.65 - 3.00
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 2.15 - 2.20
Ginger, dist., bots.....lb. 6.25 - 6.50
Guaiac wood, concrete, bots.lb. 2.75 - 3.10
Haarlem, import., bots....gross 3.25 - 3.35
Halibut-liver, dms..... t,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. **.45** - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .39 - .40
cns. .....lb. .44 - .45
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls.....lb. .08½- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
winter, strained, extra, bbls., lb. .09½- —
prime burning, bbls.....lb. .10¼- —
prime, ed., bbls.....lb. .11½- —
ined., bbls.....lb. .09¾- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb. 2.00 - 2.05
Lavender flower, French, 50% ester, cns..lb. 5.00 - 5.25
38-42% ester, cns.....lb. 3.25 - 4.25
35-38% ester, cns.....lb. 2.75 - 3.00
30-32% ester, cns.....lb. 2.00 - 2.25
garden, cns. .....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms. .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 3.25 - 4.00
Lemongrass, native, cns., dms., lb. .38 - .40
Lime, dist., cns.....lb. 4.75 - 5.00
expressed, cns.....lb. 8.00 - 9.00
Linalae wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0900- .0920
l.c.l., 5 or more.....lb. .0940- .0960
less than 5.....lb. .0980- .1000
tanks .....lb. .0840- .0860
double boiled, bbls, less than 5 lbs..lb. .1000- .1040
raw, bbls., c.l.....lb. .0860- .0880
l.c.l., 5 or more.....lb. .0900- .0920
less than 5.....lb. .0940- .0960
tanks .....lb. .0800- .0820
Lovage, bots.....lb. 41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, **100-110 D, color 4, 0-10 pour, tanks..gal. .18¼- —**
15-25 pour, tanks..gal. .17¼- —
150-160 D, color 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks..gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. **.18¼- —**
190-200 D, color 4¼, 15-25 pour, tanks..gal. **.23 - —**
200-210 E, 15-25 pour, tanks..gal. **.22 - —**
neutrals, 0-10 pour, 150 vis., 3 color, tanks....gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .12¼- —
200 vis., 3 color, tanks, gal. .14¼- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15¼- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16¼- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks, gal. .17 - —
350 vis., same basis, gal. .17½- —
400 vis., same basis, gal. .18 - —
500 vis., same basis, gal. .18½- —
600 vis., same basis, gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks..gal. .16 - —
cylinder, 600 fire, tanks, gal. .11½- —
600 flash, tanks.....gal. .14 - —
630 flash, tanks.....gal. .17 - —
635 fire, tanks.....gal. .12½- —
650 fire, tanks.....gal. .13½- —
Warren, E, amber, tanks, gal. .15 - —
neutral, 150 vis., 3 color, tanks..gal. .15½- —
180 vis.,3 color,tanks..gal. .16½- —
200 vis.,2 color,tanks..gal. .17 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .27 - .28
unfiltered, 600 s.r....bbls., f.a.s..gal. .21 - —
600 flash, s.r., bbls., c.l., gal. .23½- —
630 s.r., bbls., c.l., f.a.s. gal. .25 - —
Warren, E, bbls., c.l., f.a.s. gal. .24½- —
smaller lots, f.o.b..gal. .26½- —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto..gal. .27 Nom.
refd., alkali, dms.....lb. .0730- .0750
tanks .....lb. .0670- —
blown, dms.....lb. .0730- .0750
kettle-bodied, dms.....lb. .0820- .0840
light, pressed, dms.....lb. .0670- .0690
tanks .....lb. .0610- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns....lb. 1.70 - 1.75
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .65½- .70
Neatsfoot, 20° cold test, bbls., lb. .15¼- —
extra, bbls.....lb. .09¼- —
1, bbls.....lb. .09 - —
pure, bbls.....lb. .11¾- —
prime, bbls.....lb. .09½- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Oil, neroli, bots.....lb. 115.00- 140.00
Nutmeg, USP, cns., dms.....lb. 1.20 - 1.25
Oiticica, dms.....lb. .10 - .10¼
Oleo, 1, bbls. .....lb. .09¼- —
2 bbls.....lb. .08½- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. .90 - .92
edible, bbls.....gal. 1.75 - 2.00
foots, bbls.....lb. .07⅞- .08
sulphonated, 50% (43% fat), dms., c.l..lb. .11½- .12
l.c.l. .....lb. .12½- .13
75% (63% fat), dms., c.l...lb. .13½- .14
l.c.l. .....lb. .14½- .15
80% (68% fat), dms., c.l...lb. .14½- .15
l.c.l. .....lb. .15½- .16
Orange sweet, dist., cs.....lb. .70 - —
expressed, African, cns., dms...lb. 1.20 - 1.25
Calif., cns.....lb. .95 - 1.25
Messina, USP, coppers.lb. 2.25 - 3.25
West India, cns.....lb. 1.95 - 2.00
Origanum, Spanish, cns.....lb. .90 - 1.00
Orris, Florentine, concrete, extra strong bots..oz. 5.25 - 5.50
Palm, Niger, dms.....lb. .04 - .04¼
shipment .....lb. .0290- —
softs, 12½%, bulk, shipt....lb. .0290- —
20% bulk, shipt.....lb. .0270- —
Sumatra, shipt., bulk.....lb. .0300 Nom.
Palmarosa, cns.....lb. 2.05 - 2.25
Palmkernel, bulk, shipt.....lb. .0415- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots., cns.....lb. 3.75 - 8.00
Peanut, crude, dom., tanks..lb. .07½- .07⅝
refd., edible, bbls.....lb. .10 - .10¼
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns. .....lb. 1.35 - 1.40
Peppermint, natural, cns., dms., lb. 2.20 - 2.45
redist., USP, cns., dms.....lb. 2.45 - 2.70
Perilla, dms.....lb. .10¼- .10½
tanks .....lb. .0960- .0980
Petitgrain, Paraguay, cns....lb. 1.00 - 1.05
Pimento berry, cns.....lb. 3.65 - 7.50
leaf, cns. .....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports...gal. .52 - .55
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns.....lb. .95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal..gal. .22¼- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14½- .14¾
denat., bbls.....gal. .75 - .80
Red, dist. or saponif, bbls., dlvd..lb. .08¾ Nom.
dms., dlvd.....lb. .08¼ Nom.
tanks, dlvd.....lb. .07½ Nom.
white, dms.....lb. .11¼ Nom.
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 2.15 - 2.20
Sage, cns. .....lb. 1.40 -35.00
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst. gal. .30 Nom.
refd., alkali, dms.....lb. .0730- .0750
tanks .....lb. .0670- —
kettle-bodied, dms.....lb. .0820- .0840
light, pressed, dms.....lb. .0670- .0690
tanks .....lb. .0610- —
Sassafras, artif., cns.....lb. .37 - .38
dms. .....lb. .35 - .36
natural, cns., dms.....lb. 1.00 - 1.05
Savin, cns. .....lb. 1.65 - 1.70
Savory, cns .....lb. 2.00 - 2.25
Sesame, refd., dms.....lb. .10¼- .10½
Shingle stain, bbls., c.l., wks. gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0680- .0750
tanks .....lb. .0600- .0650
refd., dms.....lb. .0780- .0920
tanks .....lb. .0720- .0770
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 2.25 - 3.50
South, cns.....lb. 1.65 - 2.00
Tall, crude, dms., c.l., works, ton. 45.00- —
l.c.l., works.....ton. 50.00 -65.00
tanks, works.....ton. 35.00 - —
refined, dms., c.l., works...lb. .05¼- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08¾- —
tanks .....lb. .08¼- —
Tansy, cns.....lb. 5.50 - 5.75
Tar, coml, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .07½- .08
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .85 - 1.45
Ti tree, cns.....lb. 3.10 - 3.50
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots. .....lb. 4.35 -16.50
Walnut, crude, dms.....lb. .13 - .13½
refd., dms. .....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0850- .0870
winter, bleach, dms.....lb. .0890- .0910
Wheat germ, phar., cns., dms. gal. 22.50 -30.00
feedstuff, cns., dms.....gal. 17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms.....gal. .42 - —
65-75 vis., dms.....gal. .44 - —
80-90 vis., dms.....gal. .45 - —
USP, 80-90 vis., dms....gal. .49 - —
95-105 vis., dms.....gal. .57 - —
125-135 vis., dms.....gal. .64½- —
140-150 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
200-210 vis., dms.....gal. .74½- —
320-330 vis., dms.....gal. .80¼- —
335-345 vis., dms.....gal. .82 - —
Russian, 80-90 vis., dms.gal. .49 - —
145-155 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
235-345 vis., dms.....gal. .82 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.60 - 2.65
Wormwood, cns.....lb. 2.65 - 2.70
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots. .....lb. 18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
Ground, 200 mesh, c.l., mines, ton. 15.00 - —
20 mesh to dust.....ton. 10.00 - —
Opium, USP, cns.....lb. 11.50 -12.50
gran., cns. .....lb. 12.50 -13.50
powd., cns. .....lb. 12.50 -13.50
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10½- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11 - —
Colo., Mont., N. M., Wyo..lb. .10¾- —
Other points .....lb. .10¾- —
smaller lots, dlvd., Ala., etc..lb. .11 - —
Ariz., etc. .....lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .11¼- —
Other points .....lb. .10¾- —
French, Tours, csks, ex dock, lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .09 - .09
sweet, bls. .....lb. .09 - .10
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .19 - —
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .09 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51° bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.25 - 1.30
Paprika, Hungarian, extra fancy, bgs..lb. .22 - .22½
medium, bgs. .....lb. .20½- .21
Spanish, extra fancy, cs.....lb. .30½- .31
fair, bgs. .....lb. .25 - .25½
fancy, bgs. .....lb. .29 Nom.
medium, bgs. .....lb. .26 Nom.
Para-aminoacetanilide, kgs. ..lb. .85 Nom.
Parachlorophenol, dms. .....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12½- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0220- .02¼
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0220- .02¼
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .04 - —
125-127 A.m.p., bgs., c.l..lb. .0415- —
128-130 A.m.p., bgs., c.l..lb. .04¼- —
131-133 A.m.p., bgs., c.l..lb. .0435- —
133-135 A.m.p., bgs., c.l..lb. .05 - —
135-137 A.m.p., bgs., c.l..lb. .05¼- —
138-140 A.m.p., bgs., c.l..lb. .06 - —
143-145 A.m.p., bgs., c.l..lb. .07 - —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02⅝
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd..lb. .16 - —
5 and 10 gal. dms., dlvd., lb. .17 - —
USP, cs., cbys.....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. all'd lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower herb, bls.....lb. .07 - .07½
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls. .....lb. .16 - .17
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls. .....lb. .14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11¼- —
l.c.l., G.3 .....gal. .16 - —
tanks, G.3 .....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3 .....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .07¾- .08
Lampong, bgs. .....lb. .05¼- .05⅜
Tellicherry, bgs. .....lb. .08 - .08½
Red, chillies, Japan, 1, bgs..lb. .20 - .20½
Mombassa, bgs. .....lb. .21 Nom.
White, Java, Muntok, bgs...lb. .08½- .08½
Saigon, bgs .....lb. .08 - .08¼
Peppermint leaves, dom., bls..lb. .28 - .29
import, bls. .....lb. .45 - .48
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, bbls., c.l., lb. .02⅝- .02¾
l.c.l. .....lb. .03⅞- —
extra, bbls.....lb. .02¾- .03
l.c.l. .....lb. .04½- —
cream (see white, cream)
green (see red)

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Prepared Monthly by the U. S. Industrial Alcohol Co.

ALCOHOL NEWS

July ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1938

Standardizes Pectin By Adding Alcohol-Treated Fruit Fiber

WASHINGTON, D. C.—Powdered pectin can be standardized cheaply and effectively without the use of sugar if a predetermined amount of alcohol-extracted, depectinized, purified fruit fibers together with a small amount of pectin dispersing agent are added to it, according to a recent patent issued here.

The standardizing fibers are readily obtainable in the course of extracting pectin, the inventor sets forth. As an example, apple pomace may be treated with cold water to remove all the water-soluble substances, after which the excess water is then removed.

Fibers Hold Pectin

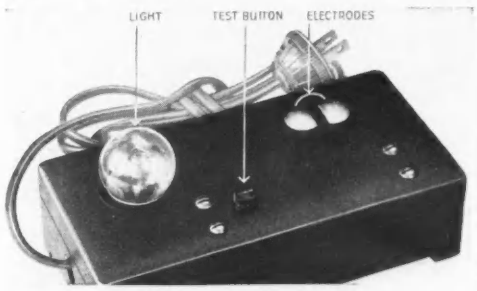
Following this treatment, relatively dilute alcohol is used to remove from the residue undesired constituents such as tannins, fruit acids, sugars, waxes and the like. With residual alcohol removed, the product now consists of purified cellulose fibers in which the fruit pectin is held, the patent papers state.

By solubilizing this contained pectin with an acidulated aqueous solution, "completely deflavored," purified fruit fibers are obtained by employing a filter press, the inventor asserts.

In standardizing the pectin, which has been precipitated with alcohol from the aqueous solution and then dried, it is first tested to determine its gell strength. Then, the finely divided fiber, the patentee explains, is added in the requisite quantity to bring its setting strength to the desired point. This may be done in any suitable mixing machine.

Electrical Resistance Detects Emulsion Type

An instrument for determining whether emulsions are the "water-in-oil" or "oil-in-water" type utilizes their difference in electrical conductivity, according to a recent article. A dab of the cream to be tested is placed between two nickel silver electrodes



and the circuit is closed with a test button. An "oil-in-water" emulsion will pass sufficient current to light a low-wattage neon bulb, while a "water-in-oil" type will not, it is said.

The author claims that the instrument is useful "in developing creams and other emulsions . . . to demonstrate whether a cream is of a 'nourishing' type, that is, water-in-oil, or a 'vanishing' type, oil-in-water . . . to study the inversion of emulsions and also to determine whether an emulsion or cream is breaking. A test of this type to study stability will show a breaking cream long before it becomes apparent to the eye."

It's Waikiki Itch in Hawaii

Most familiarly known as "Athlete's Foot," the infection, epidermophytosis, is variously called Waikiki itch in the territory of Hawaii, Dhobie ("laundry") itch in the Philippines, Hongkong foot in China, and Trench Foot by soldiers at the front. The infection affects approximately one-third of the world's population in one form or another, according to Dr. Reddish.

New Procedure Detects 10^{-5} gms. Nicotinic Acid

LONDON, England—As little as 10 millionths of a gram of nicotinic acid can be easily detected in foodstuffs by using a new colorimetric method, it is announced in a recent issue of *Nature* published here.

The method is based upon the color produced by the pyridine ring when acted upon by cyanogen bromide and aniline.

Values for typical foodstuffs are given as:

Nicotinic acid content of foodstuffs	Mg.%
Yeast	62.5
Skimmed milk powder	10.0
Whole wheat	5.33
Ragi	3.08
Rice (raw-milled)	2.38
Rice (parboiled)	2.78
White corn	1.48

These values differ from those previously reported by Dr. Wilson of Johns Hopkins University who listed the nicotinic acid content of foodstuffs to be twice those represented in the above table. Dr. Wilson is reported to use dilute nitric acid as a means of extracting the nicotinic acid as contrasted with the aqueous extract employed by the author in *Nature*.

Nine Production Lines Show 11.2% Lost Time

A study of nine production lines in the drug and cosmetic industry revealed that lost time amounted to an average of 11.2% of the total operating time, according to a recent report. With direct labor costs per line between 20 and 40 cents per minute, the matter of lost time is of sufficient importance to warrant careful inspection of all equipment, the report points out.

The percentage attributable to the different pieces of equipment, the container, and the goods in process, are given as follows:

	% Lost Time		% Operating Time
Cleaner	8.7	equivalent to	.99
Filler	20.0	" "	2.26
Capper	11.0	" "	1.24
Labeler	34.3	" "	3.88
Goods itself	15.9	" "	1.79
Miscellaneous	8.5	" "	.96
Experimental	1.6	" "	.08
	100.0%		11.20%

Tubers Will Cook White If They Pass Test in Alcohol

LANSING, Mich.—Alcohol can be used to determine whether potatoes will cook white, according to experimenters at the State College here. Describing the new test, *Food Industries* reports that a core no larger than a lead pencil is drawn from the center of the tuber and placed in alcohol. If the core retains its original whiteness, the potato will cook white, it is said.

Present Fungicide Tests Are No Real Yardsticks–Reddish

Study "Athlete's Foot" Remedies Against Four—Not One—Fungi

ST. LOUIS, Mo.—The common practice of using only a single test organism in determining the fungicidal properties of "Athlete's Foot" remedies probably explains why a preparation may be effective in one case and not in another, it is maintained by Dr. George F. Reddish and Ella Burlingame, both of the Lambert Pharmacal Co., writing in a recent issue of *Druggists Circular*. Their report is a paper presented before the Scientific Section of the Proprietary Association.

Penetration Also Important

It should be recognized that four—not one—fungi cause most cases of "Athlete's Foot," and even though all of these may not be present in a given infection, any yardstick for evaluating preparations should include tests against each organism, they declare.

The investigators list the four varieties as being associated with epidermophytosis in approximately the following order: Epidermophyton interdigitale, Epidermophyton rubrum, Epidermophyton gypseum, and Trichophyton rosaceum. While these may be divided into two distinct groups, the monomorphous and the multiform, the lesions are not especially different for the two groups, Dr. Reddish and Miss Burlingame assert.

In a new test which, it is pointed out, includes the factor of penetration, each organism is streaked over the surface of Sabourand's agar in a 9 cm. Petri dish, using a dry sterile cotton swab inoculated with a five-day culture of these organisms.

Since, they explain, the organisms cannot usually be isolated in a pure culture from the

(Continued on next page)

"ATHLETE'S FOOT" affects every third person, Dr. G. F. Reddish reports. He suggests that remedies should be tested against four—not one—organism (see article above). *Ewing Galloway*

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July ★ # ALCOHOL NEWS ★ 1938

Surgeons Should Limit Washing to 3 Minutes English Doctors Report

LONDON, England—Of the two kinds of bacteria found on the skin, (1) normal parasites such as white staphylococci living in superficial layers, and (2) foreign and often dangerous bacteria due to accidental contamination, surgeons cleanse their skin to remove or destroy only the latter, Garrad and Keynes state in the *British Medical Journal*.

Surgeons should wash with soap and water for not longer than three minutes, since continual scrubbing roughens the surface and induces bacteria growth, the article continues. After washing, the hands should be rinsed in alcohol to dehydrate the surface of the skin and dried with a sterilized towel.

Patients' skin should be cleansed with ether, soap and water, and dried with alcohol. Addition of mercury biniodide has no advantage, the authors assert.

Experimenting with animals whose wounds were infected with virulent streptococci, and treated by injection, or topical application of antiseptics, the doctors report that phenol and mercury perchloride failed to prevent the infection from spreading, while compounds of the diamino-acridine type did. The latter are said to restrain the growth of *Streptococcus pyogenes* even in solutions of 1 in 100,000 and serum or blood does not affect the bactericidal power. They are also described as non-toxic and leucocytes retain motility in a 1 in 1,000 solution of acriflavine. The authors recommend that a dressing soaked in a 0.2% acriflavine solution be applied for two hours, and injection of the solution with pressure into a punctured wound so that permeation will occur.

Reports New Sclerosing Solution is Less Toxic

Successful clinical application of a new sclerosing solution consisting of monoethanolamine oleate, 5%, with benzyl alcohol in the treatment of varicose veins is reported by Dr. S. T. Glasser writing in a recent issue of *American Journal of Surgery*. Monoethanolamine is an equimolecular combination of monoethanolamine and oleic acid.

A total of 550 injections has been given without untoward reactions, Dr. Glasser declares in comparing the new agent with sodium morrhuate, a cod liver oil derivative. Monoethanolamine oleate, it is pointed out, is less toxic than sodium morrhuate and possesses the advantage of having a definite and constant chemical composition.

Results, it is stated, have been satisfactory after six months, and there have been no sloughs following accidental perivenous injections.

Rates Vitamin C Equal To NH_4Cl As a Diuretic

LONDON, England—Cevitamic acid (vitamin C) increased urinary output in eight patients with cardiac failure and in one with edema, reports Dr. W. Evans writing in a recent issue of *Lancet*. Compared with recognized diuretics, vitamin C is as efficient as ammonium chloride, more efficient than digitalis and less so than theobromine in certain patients, Evans relates.

Mfg. Chemists Assn. Told Cost of "Chemical Jobs"

SKYTOP, Pa.—It takes an average investment of $11,250 for each job in a chemical plant, or $8,156 based on "factory and non-factory chemical employees," members of the Manufacturing Chemists Assn. learned at their meeting here on June 2nd. This statement was read from the report of a survey made by the Chemical Alliance which also showed the $5,223 of the latter figure is for capital assets and $2,933 for working capital.

Present Fungicide Tests Are Inaccurate—Reddish

(*Continued from previous page*)

blister fluid, the top of the blister must be cut away and the ceiling side applied to the surface of the agar when preparing cultures.

After incubation for five days, the agar cultures are cut into 1 cm. squares over which the fungicide to be tested is poured so as to flood the plates entirely. At periods of 5, 15 and 30 minutes one of the squares of culture and agar from each plate is removed and placed in 10 cc. of sterile broth.

Excess fungicide is washed out of the matted culture by shaking the tube lightly for five minutes. After this, the block of culture is removed from the broth and spread with the culture side down over the surface of a sterile plate of Sabourand's agar. These plates are incubated at room temperatures for three weeks and observed for growth.

Experience has shown that fungicides which kill the test organisms in five minutes by this test are effective in the treatment of "Athlete's Foot" as determined by clinical test, Dr. Reddish and Miss Burlingame state.

New Solox Drum

Latest addition to the family of easily identified U.S.I. containers is this attractive blue, red and white 5 gal. drum for U.S.I.'s proprietory solvent.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

A viscosity stabilizer with strong wetting and anti-oxidant properties has been introduced, according to a recent report. It is soluble in all vegetable and animal fats, waxes, petroleum oils and distillates, the manufacturer states. Specific applications named are in varnish and lacquer manufacture, textile industry and in stabilizing suspensions of dry materials in oily mediums. Edible grades are available, it is said. **(No. 111a)**

U S I

Oil soluble sulphur for hair oils, scalp treatments and skin preparations in general is now available as a 20% solution, according to a recent report. The material is said to have special adaptability to alcoholic lotions. **(No. 112a)**

U S I

Glassine paper fused with a microscopic film of aluminum has been developed to provide a low cost metallic wrapping. Principal advantages of the product are high grease- and moisture resistance and repellency to light and heat, according to the manufacturer. **(No. 113a)**

U S I

Synthetic Witch-Hazel odor said to have one hundred times the odor strength of the natural product is now on the market. Two grades are offered, both of which are non-toxic, non-discoloring and non-irritating and are recommended for use in emulsified lotions, creams and soaps, the manufacturer writes. **(No. 114a)**

U S I

A new solubilizing agent for sunburn preventive oils is reported to have no effect on the odor or color of the oil. According to the manufacturer, an oil containing 3 to 5% of this agent washes off the skin as easily and as quickly as soap and water. **(No. 115a)**

U S I

Rust preventive paint which can be applied directly over any rusted or new, damp or dry surface is now on the market. The paint resists acid and alkali fumes and brine and by penetrating beneath the rust particles expels moisture, the manufacturer states. It is available in four colors and aluminum and clear forms. **(No. 116a)**

U S I

Ten perfumes especially developed for sunburn preventive preparations are said to be completely free from ingredients that may affect the skin adversely. The cost of the perfumes range from five to ten dollars per pound, an announcement states. **(No. 117a)**

U S I

A new insecticide sprayer is stated to be more powerful and to have a larger range than previous sprayers designed to fit stock-size cans. According to the manufacturer, the new sprayer will throw a fine mist of insecticide well up to the corners of a room with twelve-foot ceilings. **(No. 118a)**

U S I

Concrete, stucco and masonry can be protected against staining and efflorescence by spraying or brushing with a new transparent damp-proofing material, a recent announcement states. The liquid is said to be water-white, not a wax solution, and to have excellent penetrative qualities. **(No. 119a)**

U.S. INDUSTRIAL ALCOHOL CO.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ALCOHOL

ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*

SOLOX-*The General Solvent* • U. S. I. DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*

PURE (190 PROOF) TAX PAID—TAX FREE

U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Petrolatum, red, veterinary, bbls., c.l.	lb.	.02½ - —
white, cream, bbls., c.l.	lb.	.04¼ - —
l.c.l.	lb.	.06½ - —
lily, bbls., c.l.	lb.	.05¼ - —
l.c.l.	lb.	.07½ - —
snow, bbls., c.l.	lb.	.06¼ - —
l.c.l.	lb.	.08½ - —
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	bbl.	.74 - .95
Athens	bbl.	.84 - 1.66
Belridge	bbl.	.70 - 1.32
Buena Vista Hills	bbl.	.70 - 1.38
Canal-Greely	bbl.	.84 - 1.64
Coalinga	bbl.	.70 - .90
Coyote Hills (West)	bbl.	.78 - 1.32
Dominguez	bbl.	.79 - 1.09
East Coyote	bbl.	.76 - .96
Elk Hills	bbl.	.70 - 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28 - 1.43
El Segundo	bbl.	.80 - 1.21
Huntington Beach	bbl.	.78 - 1.22
Inglewood	bbl.	.79 - 1.27
Kern Front	bbl.	.70 - —
Kern River	bbl.	.70 - —
Kettleman Hills	bbl.	1.19 - 1.43
La Habra	bbl.	.76 - .96
Lakeview	bbl.	.70 - 1.36
Lost Hills	bbl.	.70 - 1.18
McKittrick	bbl.	.70 - —
Midway - Sunset (except Lakeview)	bbl.	.70 - 1.38
Montebello	bbl.	.77 - 1.43
Mt. Poso	bbl.	.70 - —
Mountain View	bbl.	.70 - 1.20
Newhall	bbl.	.70 - —
Orcutt	bbl.	.70 - .93
Olinda Brea	bbl.	.76 - 1.27
Playa del Rey, f.o.b. pipe-line	bbl.	.80 - 1.10
Richfield	bbl.	.76 - 1.09
Rosecrans	bbl.	.84 - 1.66
Mound Mt.	bbl.	.70 - —
Santa Fe Springs	bbl.	.78 - 1.42
Santa Paula	bbl.	.70 - 1.01
Seal Beach	bbl.	.79 - 1.19
Signal Hill	bbl.	.80 - 1.21
Torrence	bbl.	.80 - 1.05
Wheeler Ridge	bbl.	.70 - .83
Whittier	bbl.	.76 - .96
Wilmington	bbl.	.75 - 1.21
Canada:—		
Oil Springs	bbl.	2.17 - —
Petrolia	bbl.	2.10 - —
Central West:—		
Illinois	bbl.	1.35 - —
Lima	bbl.	1.25 - —
Midland (Mich.)	bbl.	1.12 - —
Princeton	bbl.	1.35 - —
East Texas	bbl.	1.35 - —
Gulf Coast:—		
Barber's Hill	bbl.	.95 - 1.41
Batson	bbl.	.95 - 1.41
Dayton	bbl.	.95 - 1.41
Esperson	bbl.	.95 - 1.41
Goose Creek	bbl.	.95 - 1.41
Hull	bbl.	.95 - 1.41
Humble	bbl.	.90 - 1.41
Liberty	bbl.	.90 - 1.41
Markham	bbl.	.90 - 1.29
Orange	bbl.	.95 - 1.41
Pettus	bbl.	1.37 - —
Pierce Junction	bbl.	.95 - 1.41
Refugio (incl. Greta, Taft, Saxet)	bbl.	1.01 - 1.17
Saratoga	bbl.	.95 - 1.41
Sour Lake	bbl.	.90 - 1.41
Spindle Top	bbl.	.95 - 1.41
Sugarland	bbl.	.95 - 1.41
West Columbia	bbl.	.95 - 1.41
Kentucky, Tennessee:—		
Big Sandy river	bbl.	1.42 - —
Kentucky river	bbl.	1.50 - —
Western Kentucky (Owensboro)	bbl.	1.30 - —
Louisiana, Arkansas:—		
Bull Bayou	bbl.	.90 - 1.22
Caddo	bbl.	.90 - 1.22
Cameron Meadows	bbl.	.90 - 1.30
Choctaw	bbl.	.90 - 1.30
Cotton Valley	bbl.	.90 - 1.22
Darrow	bbl.	.90 - 1.30
De Soto	bbl.	.90 - 1.22
El Dorado	bbl.	.90 - 1.22
Haynesville	bbl.	.90 - 1.22
Homer	bbl.	.90 - 1.22
Iowa	bbl.	.90 - 1.30
Lockport	bbl.	.90 - 1.30
Miller County	bbl.	.90 - 1.22
Pine Island	bbl.	.90 - 1.22
Rainbow	bbl.	.90 - 1.22
Rodessa	bbl.	.90 - 1.22
Smackover	bbl.	.90 - —
Tepetate	bbl.	1.24 - —
Urania	bbl.	1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—		
Panuco	bbl.	1.05 Nom.
Tax, 14.175c. per bbl.		
Tuxpan	bbl.	No prices
Tax, 23.070c. per bbl.		
Midcontinent:—		
North Texas	bbl.	.96 - 1.20
Oklahoma-Kansas	bbl.	.93 - .130
Altus, Tipton (Okla.),	bbl.	.96 - 1.20
Pennsylvania, Ohio West Virginia:—		
Bradford-Allegany	bbl.	1.80 - —
Corning	bbl.	1.17 - —
Pennsylvania grade, in Buckeye lines	bbl.	1.30 - —
Eureka lines	bbl.	1.40 - —
N. Y. Transit lines	bbl.	1.80 - —
S. W. Penn. lines	bbl.	1.46 - —
lower district in National Transit lines	bbl.	1.68 - 1.73
Rocky Mountain:—		
Big Muddy	bbl.	1.18 - 1.23
Canon City-Florence	bbl.	1.10 - —
Cat Creek	bbl.	1.40 - —
Dutton Creek	bbl.	1.06 - 1.30
Elk Basin	bbl.	1.30 - —
Fort Collins-Wellington,	bbl.	1.01 - 1.25
Frannie, light	bbl.	.65 - —
Grass Creek	bbl.	.50 - —
Greybull	bbl.	1.30 - —
Iles	bbl.	1.12 - 1.18
Lance Creek	bbl.	.97 - —
Lander	bbl.	.51¼ - —
Midway	bbl.	1.00 - 1.30
Rocky Mountain—		
Rock Creek	bbl.	1.20½ - —
Salt Creek	bbl.	1.06 - 1.30
Sunburst	bbl.	1.20 - —
Torchlight	bbl.	1.30 - —
South, Central and Southwestern Texas:—		
Cass County	bbl.	.98 - 1.35
Cleveland-Liberty	bbl.	1.27 - —
Conroe	bbl.	1.20 - 1.44
Darst Creek	bbl.	1.09 - —
Hardin-Liberty	bbl.	1.15 - —
Luling	bbl.	1.00 - —
Lytton Springs	bbl.	1.12 - —
Mirando (incl. Duval)	bbl.	.96 - 1.30
Panola County	bbl.	.93 - 1.25
Salt Flat	bbl.	1.09 - —
Tomball	bbl.	1.20 - 1.44
West Beaumont	bbl.	.95 -1.41
Van	bbl.	1.10 - —

Petroleum, crude, at wells, Texas Panhandle:—		
Carson-Hutchinson counties,	bbl.	.91 - 1.03
Gray County	bbl.	.96 - 1.08
West Texas:—		
Artesia, N. M.	bbl.	.90 - —
Crane	bbl.	.78 - 1.08
Crockett	bbl.	.78 - 1.08
Ector	bbl.	.78 - 1.08
Eddy (N. M.)	bbl.	.90 - —
Hogback	bbl.	1.33 - —
Howard	bbl.	.78 - 1.08
Jackson, N. M.	bbl.	.90 - —
Lea, N. M.	bbl.	.78 - 1.08
Maljamar, N. M.	bbl.	.90 - —
Mitchell	bbl.	.78 - 1.08
Pecos	bbl.	.91 - —
Upton	bbl.	.78 - 1.08
Winkler	bbl.	.78 - 1.08
Ether, 30-60°, dms., c.l., G. 3,	gal.	.14 - —
l.c.l., G. 3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
35-60°, dms., l.c.l., G.3	gal.	.30 - —
40-75°, dms., c.l., G.3	gal.	.14 - —
l.c.l., G.3	gal.	.25 - —
tanks, G.3	gal.	.13 - —
laboratory grade, dms., c.l., G.3.	gal.	.14 - —
c.l., G.3	gal.	.25 - —
10-gal. lots, G.3	gal.	.50 - —
Lacquer, diluent, at refinery:—		
California 60, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles	gal.	.11 - —
San Francisco	gal.	.11½ - —
f.o.b. Richmond	gal.	.11½ - —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12 - —
East Coast, tanks	gal.	.12 - .12½
Group 3, tanks	gal.	.07⅝ - —
Naphtha, cleaners', at refinery:—		
East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.08⅝ - —
tankwagon, Boston, ex tax,	gal.	.13 - —
Bridgeport	gal.	.13½ - —
Chicago, inc. 4c. tax.	gal.	.17½ - —
Decatur, inc. 4c tax.	gal.	.194 - —
Des Moines, inc. 4c. tax.	gal.	.192 - —
Evansville, inc. ex tax.	gal.	.14½ - .15½
Milwaukee, inc. 5c. tax,	gal.	.206 - —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.208 - —
Newark, ex tax.	gal.	.12½ - —
New York, ex tax.	gal.	.12 - —
Omaha, ex tax.	gal.	.144 - .154
Oklahoma City, ex tax.	gal.	.16 - —
Philadelphia, ex tax.	gal.	.11½ - —
St. Louis, inc. 1c. tax.	gal.	.15 - —
Syracuse, 150 gals.	gal.	.14 - —
smaller lots, galv. drums,	gal.	.16 - —
milk cans	gal.	.21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway	gal.	.16 - —
2, over 90% arom., same basis	gal.	.18 - —
3, tanks, f.o.b. Bayway	gal.	.18 - —
8, tanks, f.o.b. Paulsboro, N. J.	gal.	.14 - —
30, same basis	gal.	.16 - —
40, same basis	gal.	.14½ - —
V. m. & p., at refinery:—		
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo	gal.	.11 - —
Richmond	gal.	.11½ - —
Willbridge, Ore., Pt. Wells, Wash.	gal.	.12 - —
54-57, 190 i.b.p., 310 e.p. tanks, delvd. Los Angeles	gal.	.10 - —
San Francisco	gal.	.10¼ - —
Portland, Seattle	gal.	.11 - —
East Coast, tanks	gal.	.10 - —
Group 3, tanks,	gal.	.06⅝ - —
tankwagon, Boston, ex tax	gal.	.13 - .14
Chicago, inc. 4c. tax.	gal.	.16½ - —
Decatur, inc. 4c. tax.	gal.	.194 - —
Des Moines, inc. 4c. tax.	gal.	.192 - —
Evansville, Ind., ex tax.	gal.	.147 - .157
Milwaukee, inc. 5c. tax.	gal.	.206 - —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.208 —
Newark, ex tax.	gal.	.12½ - —
New York, ex tax.	gal.	.11 - —
Omaha, ex tax.	gal.	.144 - .154
Philadelphia, ex tax.	gal.	.12½ - —
St. Louis, inc. 1c. tax.	gal.	.16 - —
Solvent, rubber, at refinery, East Coast, tanks.	gal.	.09½ - .10
Group 3, light, 120 i.b.p., 250 e.p., tanks.	gal.	.06⅝ - —
standard, 180 i.b.p., 288 e.p., tanks.	gal.	.06⅝ - —
Stoddard (CS 3-38), at refinery:—		
East Coast, tanks	gal.	.10 - —
Group 3, tanks	gal.	.05⅞ - —
tankwagon, Boston, ex tax,	gal.	.12½ - .13½
Chicago, inc. 4c. tax.	gal.	.159 - —
Decatur, inc. 4c. tax.	gal.	.184 - —
Des Moines, inc. 4c. tax.	gal.	.182 - —
Evansville, Ind., ex tax.	gal.	.135 - .145
Milwaukee, inc. 5c. tax,	gal.	.196 - —
Minneapolis-St. Paul, inc. 5c. tax.	gal.	.177 - —
Newark, ex tax.	gal.	.09½ - .11½
New Orleans, ex tax.	gal.	.11 - —
New York, ex tax.	gal.	.09½ - .11½
Omaha	gal.	.131 - .14
Philadelphia, ex tax.	gal.	.10½ - .12½
St. Louis, inc. 1c. tax.	gal.	.139 - —
Tulsa, ex tax	gal.	.10 - .11
Thinner, at refinery:—		
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles	gal.	.14 - —
Portland, Ore.	gal.	.15 - —
Richmond	gal.	.13½ - —
Seattle, Wash.	gal.	.15½ - —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.,	gal.	.10½ - —
Richmond	gal.	.10 - —
Southern Calif.	gal.	.09½ - —
66, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo	gal.	.11 - —
Portland, Ore.	gal.	.12 - —
Richmond	gal.	.11½ - —
Seattle, Wash.	gal.	.12 - —
East Coast, 43-47, tanks.	gal.	.09½ - .10
47-49, tanks.	gal.	.09½ - .10
New Jersey, tanks.	gal.	.09 - —
Group 3, tanks.	gal.	.05⅞ - —
tankwagon, tax included:—		
Albany	gal.	.13 - —
Baltimore (100 gals.)	gal.	.12½ - .15½
25-99 gals.	gal.	.13½ - .15½
Boston	gal.	.12½ - .13½
Bound Brook, North Amboy, N. J.	gal.	.11½ - .13½
Bridgeport, Conn.	gal.	.11½ - —
Buffalo	gal.	.12½ - —
Camden, N. J.	gal.	.10 - .12
Chicago	gal.	.162 - —
Decatur, Ill.	gal.	.184 - —
Des Moines	gal.	.182 - —
Evansville, Ind.	gal.	.137 - .147
Milwaukee	gal.	.196 - —

Petroleum, thinner, tankwagon, tax included:—		
Minneapolis-St. Paul	gal.	.198 - —
Newark	gal.	.09½ - —
New York (200 gals.)	gal.	.09½ - .11
Omaha	gal.	.131 - .141
Philadelphia	gal.	.10 - —
Pittsburgh	gal.	.12 - .14
Providence	gal.	.12½ - .13½
Rochester	gal.	.12 - —
St. Louis	gal.	.15 - —
Syracuse	gal.	.14 - —
Trenton	gal.	.11½ - .14
Wilmington, Del.	gal.	.11½ - .13½
Phenobarbital, bots., 5 lbs.	lb.	4.35 - —
bots. or cns., spot or contract, 100 lbs.	lb.	4.00 - —
cns., 25 lbs.	lb.	4.25 - —
Phenol, USP, dms., c.l., works, frt. equald.	lb.	.14½ - .15½
l.c.l., same basis	lb.	.15¼ - .16¼
under 1,000 lbs.	lb.	.16¼ - .17¼
tanks, works.	lb.	.13½ - —
Phenolphthalein, USP, bbls., dms. 2,000-lb. lots.	lb.	.85 - —
bbls., dms., kegs, 100-250 lbs.	lb.	.87 - .89
Phenolphthalein, yellow, fib., dms., 2,000-lb. lots.	lb.	.80 - —
100-lb. fib., dms.	lb.	.82 - —
25-lb. dms.	lb.	.87 - —
50-lb. kgs.	lb.	.84 - —
Phenyl chloride, dms.	lb.	.17 - —
Phenylacetaldehyde, bots.	lb.	2.25 - 3.50
Dimethylacetate, cns.	lb.	14.50 -15.00
Phenylethylphenyl acetate, bots.,	lb.	7.90 -15.50
Phenylhydrazine base, CP, bots.,	lb.	4.00 - —
Hydrochloride, CP, bots., works.	lb.	4.00 - —
commercial, kgs., works.	lb.	1.50 - —
pure, bbls., works.	lb.	2.25 - —
Phloroglucinol, CP, tins, works.	lb.	20.00 -22.00
tech., tins, works.	lb.	15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.	long ton.	4.35 - —
land pebble, 68% min., bulk, mines.	long ton.	1.85 - —
70% min., bulk, mines,	long ton.	2.35 - —
72% min., bulk, mines,	long ton.	2.85 - —
75% basis, 74% min., bulk mines.	long ton.	3.85 - —
Tenn., 72% bulk, mines,	long ton.	4.50 - —
75%, bulk, mines.	long ton.	5.50 - —
Phosphorus, red, cs.	lb.	.40 - .44
Yellow, cs.	lb.	.24 - .30
Phosphorous, oxychloride, cyls.	lb.	.15 - .18
Sesquisulphide, cs.	lb.	.38 - .42
Trichloride, cyls.	lb.	.15 - .18
Phthalamide, bbls., tons.	lb.	.35 - —
single bbls.	lb.	.40 - —
kgs.	lb.	.45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½ - —
l.c.l., same basis	lb.	.15½ - —
Pichi leaves, bgs.	lb.	.10 - .12
Pilocarpine hydrochloride, bots., vis.	oz.	2.40 - 2.50
Nitrate, bots., vis.	oz.	2.90 - 3.09
Pimento, bgs.	lb.	.14 - .14½
Pinkroot, bls.	lb.	.35 - .36
Pitch, Burgundy (see B)		
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00 - —
l.c.l.	ton.	22.00 - —
hardwood, 1-time, dm., c.l., dlvd. Akron.	ton.	23.75 -24.00
linseed, dms.	lb.	.06 - .05¼
Petroleum (see Asphaltum, Mexican, Texas)		
Pine, bbls.	lb.	6.00 - 6.25
Plaster of paris (see Gypsum).		
Pleurisy root, bls.	lb.	.11 - .12
Podophyllin, dms.	lb.	5.00 - 5.25
Poke root, bls.	lb.	.07½ - .08
Pomegranate bark, bgs.	lb.	.16 - .17
Root bark, bgs.	lb.	.35 - .36
Poppy flowers, red, bls.	lb.	.75 - .85
Seed, Dutch, bgs.	lb.	.09¾ - .10¼
Polish, bgs.	lb.	.09⅝ Nom.
Potash abietate	lb.	.08 - —
Acetate, tech., bbls., dlvd.	lb.	.26 - —
kgs., dlvd.	lb.	.28 - —
USP, bbls., 250 lbs.	lb.	.28 - —
kgs., 100 lbs.	lb.	.30 - —
cns., 25 lbs.	lb.	.33 - —
Arsenite, USP, solut., cbys., 100 lbs.	lb.	.11 - —
demj., 50 lbs.	lb.	.12 - —
Bicarbonate, USP, cryst., bbls. 300 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —
gran., bbls., 250 lbs.	lb.	.15 - —
kgs., 100 lbs.	lb.	.17 - —
Bichromate, spot, c.l., works.	lb.	.08⅞ - —
6 casks or 10 bbls., or over, works.	lb.	.09 - —
5 casks or 9 bbls., or less, works.	lb.	.09¼ - —
Binoxalate, dms.	lb.	.23 - —
Bisulphate, kgs.	lb.	.14 - .18
Bromide, USP., gran., bbls., 500 lbs.	lb.	.31 - —
fib., dms., 100 lbs.	lb.	.32 - —
Carbonate, calc., dms., c.l., works.	lb.	.05½ - —
l.c.l., same basis	lb.	.05¾ - —
hydrated, 83-85%, bbls., c.l., works.	lb.	.05½ - —
l.c.l., same basis	lb.	.05¾ - —
liquid, dms., c.l., dlvd.	lb.	.03 - —
l.c.l., dms.	lb.	.03½ - —
tanks, dlvd.	lb.	.0287½ - —
USP, gran., bbls., 325 lbs.,	lb.	.14 - —
powd., bbls., 325 lbs.	lb.	.19 - —
kgs., 100 lbs.	lb.	.21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works.	lb.	.07 - —
l.c.l.	lb.	.07¼ - .07½
import, dms.	lb.	.07 - .07½
liquid, 45% basis, dms.	lb.	.03¼ - .03½
tanks	lb.	.02⅞ - —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼ - —
l.c.l.	lb.	.06½ - .06¾
import, casks	lb.	.06¼ - .06¾
Chlorate, cryst., kgs.	lb.	.09¼ - .09¾
gran., kgs.	lb.	.12 - .13
powd., kgs.	lb.	.08½ - .09
Chloride, tech., 98%, cryst., bgs., kgs.	lb.	.04 - .06
Chromate, kgs.	lb.	.24 - .27
Citrate, USP, gran., bbls., 250 lbs.	lb.	.33½ - —
kgs., 100 lbs.	lb.	.34½ - —
cns., 50 lbs.	lb.	.35½ - —
cns., 25 lbs.	lb.	.37½ - .38¼
Cyanide, cns., dms.	lb.	.50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots.	lb.	.90 - —
100-lb. lots	lb.	1.00 - —
50-lb. lots, cbys. or cns.	lb.	1.05 - —
25-lb. lots, cns.	lb.	1.15 - —
Guaiacolsulphonate, np., dms., 100 lbs.	lb.	1.65 - —
cns., 25 lbs.	lb.	1.75 - —

Petrolatum—Quinine

Potash, hydroxide, USP, sticks, cns.	100 lbs.	.30½ - .32
Hypophosphite, cns., 100 lbs.,	lb.	.72 - —
25 to 50 lbs.	lb.	.75 - —
Iodate, bbls., bots., 5 lbs.	lb.	3.17 - —
cns., 25 lbs.	lb.	3.05 - —
Iodide, bbls., 250 lbs.	lb.	.93 - —
bots., or cns.	lb.	1.02 - 1.28
dms.	lb.	.95 - .96
Kainit, 20% K_2O, bulk, c.l.f., ports.	ton.	12.25 - —
Prices for potash kainit, manure salts, muriate, sulphate and potash magnesia sulphate for July 1938-May 1939 are subject to discount according to the time orders are placed and the time of delivery. See fertilizer market report for particulars.		
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports, unit-ton.		.58½ - —
Import, 30%, K_2O, bulk, shipt. unit-ton.		.58½ - —
Metabisulphite, kgs.	lb.	.12 - .13¼
Muriate, dom., all strengths, min., 50% K_2O bulk. unit-ton.		.53½ - —
import, all strength, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports., unit-ton.		.53½ - —
Potash muriate prices in bags are $2 per ton higher than bulk price.		
Oxalate, pure, cryst., kgs.	lb.	.30 - .31
tech., bbls.	lb.	.25 - .26
Nitrate, crude, bgs., c.l.f. ports.	ton.	53.00 Nom.
Perchlorate, kgs., works.	lb.	.09 - .10½
Permanganate, tech., dms.	lb.	.18½ - .19
Prussiate, red, bbls.	lb.	.32 - .34
Yellow, bbls.	lb.	.15 - .16
Ricinoleate, tech., bbls.	lb.	.13 - —
Silicate alkaline, lump, bgs.,	lb.	.07 - —
Sulphate, NF, cryst., bbls., 400 lbs.	lb.	.13 - —
kgs., 100 lbs.	lb.	.15 - —
powd., bbls., 350 lbs.	lb.	.14 - —
kgs., 100 lbs.	lb.	.16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports.	ton.	38.00 - —
l.c.l.	lb.	.13½ - —
Xanthate, dms., c.l.	lb.	.13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	25.75 - —
Potash-titanium oxalate, kgs.	lb.	.35 - .40
Prickly ash bark, bls.	lb.	.11 - .12
Berries, bls.	lb.	.15 - .16
Prince's pine herb, bls.	lb.	.21 - .22
Propane, tanks, G.3	gal.	.03 - —
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.	lb.	.17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.	lb.	.03 - —
less than 3, works.	lb.	.03½ - —
F and 1, bbls., 3 or over, works.	lb.	.03½ - —
less than 3, works.	lb.	.04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works.	lb.	.04½ - —
3 or over, works.	lb.	.04 - —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y.	ton.	32.85 Nom.
l.c.l., 5-29 tons, ex whse.,	ton.	37.70 - —
1,000-10,000 lbs., ex whse.	ton.	38.70 - —
2 bgs. to 1,000 lbs., ex whse.	ton.	40.70 - —
single bgs., ex whse.	ton.	45.70 - —
Pumpkin seed, bgs.	lb.	.10 - .12
Purple lake (see Red).		
Putty, com'l, dms.	100 lbs.	3.00 - —
linseed oil, raw, dms.	100 lbs.	4.50 - —
refined, dms.	100 lbs.	5.00 - —
standard, dms.	100 lbs.	3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	6.40 - 6.75
basis (30 to 1) 3.6% pyrethrins 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand.	gal.	9.60 - 9.95
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over.	lb.	.23¾ - —
fine powd. Japan, bbls., ton lots, frt. alld.	lb.	.25¼ - —
Pyridin, denaturing, dms.	gal.	1.53 - —
refd., 2°, dms.	lb.	.45 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	.12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms, tins.	lb.	2.15 - 2.40
resublimed, fib. dms., tins.	lb.	4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines.	ton.	9.00 - —
325 mesh, same basis	ton.	12.00 - —
No. 3, 200 mesh, c.l. mines.	ton.	7.50 - —
325 mesh, same basis	ton.	10.50 - —
Pyroxylin, scrap, amber, cs., works.	lb.	.15 - —
black, cs., works.	lb.	.10 - —
China white, ivory, cs., works.	lb.	.16 - —
dense white, cs., works.	lb.	.12 - —
gray, cs., works.	lb.	.10 - —
mixed, mottles, opaque, cs., works.	lb.	.04 - —
shell-demi, cs., works.	lb.	.12 - —
translucent pastels, cs., works.	lb.	.10 - —
transparent, cs., works.	lb.	.20 - —
colors, cs., works.	lb.	.12 - —
shavings, amber, cs., works.	lb.	.16 - —
colors, mixed, cs., works.	lb.	.10 - —
white, cs., works.	lb.	.15 - —

Q

Quassia, chips, bls.	lb.	.05 - .06
Quebracho extract, liquid, 35% tan., bbls., works.	lb.	.03¾ - —
tanks, works.	lb.	.02⅞ - —
solid, 63%, bgs, c.l., ex dock, plus duty.	lb.	.04 - —
clarified, 64%, bgs., c.l., same basis.	lb.	.04¼ - —
Queen of the meadow leaves, bgs.	lb.	.07 - .08
Root, bgs.	lb.	.09 - .10
Quercitron, extract, liquid, 51°, bbls.	lb.	.07½ - .08¼
solid, dms.	lb.	.10 - .15½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y.	flask.	82.00 -83.50
Quince seed, bgs.	lb.	.85 - 1.50
Quinidine, cryst., small cns.	oz.	.96 - —
large, cns.	oz.	.98 - —
powd., precip., cans.	oz.	.91 - —
Sulphate, cns.	oz.	.67 - —
Quinine, 100 ozs., cns.	oz.	.76 - —
Acetate, cns.	oz.	.99 - —
Arsenate, cns.	oz.	.99 - —
Arsenite, cns.	oz.	1.01 - —
Bisulphate, cns.	oz.	.54 - —

MANUFACTURERS OF: BISMUTH SUBCARBONATE . . BISMUTH SUBGALLATE . . BISMUTH SUBNITRATE AND OTHER BISMUTH SALTS . . BRUCINE ALKALOID . . BRUCINE SULFATE . . ALL SALTS OF CINCHONA ALKALOIDS . . CODEINE ALKALOID . . CODEINE PHOSPHATE . . CODEINE SULFATE . . IODINE RESUBLIMED . . IODOFORM . . MENTHOL-Y . . MORPHINE ALKALOID . . MORPHINE SULFATE . . OPIUM GUM (Gran. and Powd.) . . POTASSIUM IODIDE (Cryst.—Gran.—Powd.) . . QUININE SULFATE AND OTHER QUININE SALTS . . STRYCHNINE ALKALOID . . STRYCHNINE SULFATE . . THYMOL IODIDE . .

THE NEW YORK QUININE AND CHEMICAL WORKS, INC.

99-117 NORTH ELEVENTH STREET, BROOKLYN, N. Y.

ST. LOUIS DEPOT . . . . . 915 MARKET STREET

Quinine, citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, U.S.P. X, cns.....oz. .54 - —
U.S.P. XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .93 - —
Quinine-urea hydrochloride cns.oz. .75 - —

R

R. salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .06½- .07
Dutch, bgs.....lb. .06½- .07
Japanese, bgs.....lb. .06 - .06⅜
Raspberries, dried, bls.....lb. .50 - .55
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85, - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works.lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs. lb. 4.15 - —
dms., 500 lb. lots.....lb. 4.00 - —
100 lb. lots.....lb. 4.10 - —
Crocus martis (see Red, purple
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .06¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls..lb. 1.26 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04⅝
ex whse., Chicago, St. Louis..lb. .05⅞- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kegs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd..lb. .03¾ Nom.
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lb. 1.55 - —
smaller lots.....lb. 1.56 - 1.69
Red dyes are listed under Dyes.

Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 6.65 -13.00
Rhubarb root, cs.....lb. .36 - .37
powd., bbls., kgs.....lb. .41 - .42
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots.....lb. .17¼- —
Rose flowers, pale, bls.....lb. .25 - .30
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .06
Rosin, gum B, bbls., ex docks, 280 lbs. 4.65 - —
D, bbls.....280 lbs. 4.90 - —
E, bbls.....280 lbs. 5.25 - —
F, bbls.....280 lbs. 5.70 - —
G, bbls.....280 lbs. 6.20 - —
H, bbls.....280 lbs. 6.20 - —
I, bbls.....280 lbs. 6.20 - —
K, bbls.....280 lbs. 6.20 - —
M, bbls.....280 lbs. 6.20 - —
N, bbls.....280 lbs. 6.75 - —
W. G., bbls.....280 lbs. 7.25 - —
W. W., bbls.....280 lbs. 7.65 - —
X, bbls.....280 lbs. 7.65 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
import., lump., bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .19 - .20
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.75 - 2.05
Safflower, bls.....lb. .23 - .26
Saffron, Mexican, bls.....lb. .28 - .29
Spanish, tins.....lb.27.00 -28.00
Safrol, cns.....lb. .52 - .55
ums.....lb. .50 - .51
Sage, Dalmatian, stemless.....lb. .05¾- .06
garden, bls.....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.15.30 - —
l.c.l., dlvd. N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome, (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons, 100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .18 - .20
Savory, bbls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .06½- .07
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .13¾- —
smaller lots.....lb. .14¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .14⅞- —
Senega root, bls.....lb. .55 - .60
Senna leaves, Alexandria, bls.lb. .10 - .14
Tinneveily, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3 bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .05½- .06
Serpentaria root, bls.....lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .18 - .19
dlvd. Boston.....lb. .18½- .19½
Chicago.....lb. .18¾- .19¾
Pacific Coast.....lb. .21 - .22
refd., bbls., f.o.b. N. Y....lb. .24 - —
dlvd. Boston.....lb. .24½- —
Chicago.....lb. .24¾- —
Pacific Coast.....lb. .27 - —
Garnet, bgs.....lb. .13½- .14
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11½- .12
dlvd. Chicago.....lb. .12 - .12½
Pacific Coast.....lb. .13 - .13½
T.N., bgs., f.o.b. Bost. N. Y.lb. .11 - .11½
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14 - .14½
Shellac varnish, orange, 5-lb. cut, bbls..gal. .85 - .95
4½-lb. cut, bbls.....gal. .80 - .90
4-lb. cut, bbls.....gal. .75 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .4464- —
Nitrate, vis.....oz. .31½- .33⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .27 - .28
Skatol, bots.....lb.75.00 -80.00

Skullcap, Eastern, bls.....lb. .30 - .35
Western, bls.....lb. .17 - .18
Skunk cabbage root, bls.....lb. .20 - .22
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .09 - .10
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda, abietate, dms.....lb. .10 - —
Acetate, anhyd., dms., dlvd..lb. .08½- —
flake, gran., powd., 60% dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .05
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .09 - .10
white, dms., c.l., dealers' works..lb. .09 - .12
l.c.l., dms., works.....lb. .09½- .12½
liquid, dms., works.....gal. .30 - .35
powd., bbls.....lb. .13 - .14
Soda arsenite, dry, gray, prices are ¼c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.33 - —
4.....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.45 - —
58%, bbls., c.l., Zone 2. 100 lbs. 2.60 - —
3.....100 lbs. 2.85 - —
4.....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.48 - —
4.....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more. lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms, 4,000 lbs., or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y...100 lbs. 2.76 - —
Bichromate, spot, c.l., works, lb. .06½- —
6 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .12½- .15
Bisulphite, powd., bbls., c.l., bbls., wks.....100 lbs. 3.30 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 doz., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
33 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.60 - —
Carbonate (see Soda ash, soda menohydrated, soda, sal)
Caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works....100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2.....100 lbs. 3.70 - 5.05
3.....100 lbs. 3.95 - 5.30
4.....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.95 - —
seller's tanks, works, 100 lbs. 1.97½- —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l. ,works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2.....100 lbs. 3.30 - —
3.....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same,

Quinine—Soda, Sesqui.

Soda, chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .19½- —
cns., 50 lbs.....lb. .21½- —
25 lbs.....lb. .23½- .24½
kgs., 100 lbs.....lb. .20½- —
USP XI, gran., bbls., 250 lbs. lb. .26 - —
cns., 50 lbs.....lb. .28 - —
25 lbs.....lb. .30 - .31
kgs., 100 lbs.....lb. .27 - —
U.S.P., XI, powd., bbls., 250 lbs..lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27½- —
Cyanide, 96-98%, dom., dms..lb. .14 - .15
import., cs.....lb. .12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
96%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots.. lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots.. lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns., 160 lbs..lb. .20½- .22
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lbs. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.65
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
Hypophosphite, pea, 5,000 lbs. and over, bgs., wks.100 lbs. 2.75 - 3.00
bbls., wks.....100 lbs. 2.95 - 3.20
dms., wks.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks., 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 3.30 - —
fib dms., 25 lbs.....lb. 3.15 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, ground, dms., c.l., works..100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., works.100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works.....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., July delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis.ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
pwd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .05 - —
l.c.l. .....lb. .09¾- .11¼
Soda nitrate l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works..100 lbs. 1.85 - —
c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works....100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —
monobasic, anhyd., bbls., c.l., 100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works.. 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works. lb. .09½- .10
Pyrophosphate, anhyd., c.l., bgs., 100 lbs. 8.00 -- —
bbls. .....100 lbs. 8.20 - —
l.c.l., bgs.....100 lbs. 8.80 - 9.05
bbls. .....100 lbs. 9.00 - 9.25
crystals, c.l., bgs.....100 lbs. 7.80 - —
bbls. .....100 lbs. 8.00 - —
l.c.l., bgs.....100 lbs. 8.30 - 8.55
bbls. .....100 lbs. 8.50 - 8.75
Soda pyrophosphate anhydrous and crystal prices are delvd.—Me., N. H., Vt., Mass., Conn., N. J., N. Y., R. I., Del., Md., D. of C., and Pa., east of Altoona. Other territory, f.o.b. works, for equalized with producing points.
Ricinoleate, tech., bbls.....lb. .12 - —
sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works. 100 lbs. 3.00 - —
20 dms. and up, dlvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —

Soda, Silicate—Xylidin

Soda, silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works.. 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
62°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works.. 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .05¼- .05½
import., bbls. .....lb. .05 - .05½
Stannate, dms.....lb. .29½- .32½
Stearate, lump, powd., bbls., works..lb..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works.....100 lbs. 1.45 - 1.65
5 tons or over, works..... 100 lbs. 1.70 - 1.90
less than 5 tons, works... 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works.. 100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 2.00 - 2.10
tech., kgs.....lb. 1.30 - 1.35
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .18 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .19 - .20
Spikenard root, bls.....lb. .13 - .14
Spruce extract, bbls., works...lb. .01⅝- —
tanks, works.....lb. .01⅛- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01⅞- —
tanks, works.....lb. .01⅜- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.60 - 2.80
dlvd., N. Y.....100 lbs. 2.95 - 3.15
powd., bgs., f.o.b. Chicago, 100 lbs. 2.70 -2.90
dlvd., N. Y.....100 lbs. 3.05 - 3.25
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Stavesacre seed, bgs. .....lb. .17 - .18
Stearin, oleo, bbls.....lb. .07 - .07½
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .12½- .13
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
Chloride, bbls.....lb. .13½- —
Iodide, jars, 25 lbs.....lb. 2.70 - —
bots., 5 lbs.....lb. 2.75 - —
Nitrate, dom., bbls., c.l., works..lb. .08¼- —
25 bbls. and over.....lb. .08¾- —
1-4 bbls. and over.....lb. .09¼- —
import, bbls.....lb. .08¼- .09¼
Strophanthus seed, Kombe, bgs.lb. 1.20 - 1.25
Strychnine, cryst., cns., 100-oz. lots..oz. .39 - —
powd., cns., 100-oz. lots...oz. .29 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .57 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .57 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .57 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .68 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .50 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .55 - —
powd., cns., 100-oz. lots, oz. .25 - —
Styralyl acetate, bots.....lb. 6.75 - 7.00
Sucrose octa-acetate, dmats., grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk., bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.90 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.50 - —
100 lbs.....lb. 1.55 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.25 - 3.75
bbls., wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works. 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works. 100 lbs. 2.53 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.55
light, bgs., c.l., works..... 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
Sulphur, rock, virgin, bbls., c.l., works..100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls.,, works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac berries, bgs.....lb. .06 - .07
Sumac, grd., Sicilian, bls....ton.63.00 - —
leaf, bales.....ton.65.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03½- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .75 Nom.

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Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99¼%, 325 mesh, bgs., c.l., mills..ton.15.25- —
l.c.l., mills.....ton.17.25 - —
99.35-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-mag. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls....lb. .06¾ Nom.
extra, loose, works.....lb. .05⅝- —
special, loose, works.....lb. .05¾- —
Vegetable, ship., cs.....lb. .07½- .08
sulphonated 35% (24% fat), dms., c.l..lb. .05 - .05½
l.c.l .....lb. .06 - .06½
50% (43% fat) dms., c.l..lb. .06½- .07
l.c.l.....lb. .07½- .08
50% (48% fat), dms., c.l..lb. .07 - .07½
l.c.l. .....lb. .08 - .09
Tamarind, W. I., bbls.....lb. .05½- .06
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 2.75 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 2.75 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.40 & .10
high-grade feeding, bulk, Chicago..unit-ton. 2.50 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship. unit-ton. 3.10 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .05½
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25% dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - .33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .28 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .09½- —
Tetralin, dms..... .....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 2.10 - 2.40
Sodiosalicylate, cns.....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .15 - .15½
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs. .....lb. 3.25 - 3.30
Tin crystals, bbls., kgs.....lb. .35 - .35½
Metal, Straits.....lb. .43¾- —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls...lb. .22 - —
Titanium, dioxide, bgs., c.l., (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse...lb. .15¼- —
1,000-9,999 lbs., E. dlvd.lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd.....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd...lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .15¼- —
l.c.l., 5 tons, E. dlvd.....lb. .15½- —
1,000-9,999 lbs., E. dlvd.lb. .15¾- —
50-999 lbs., E. dlvd.....lb. .16 - —
Titanium, dioxide, phthalate-treated, bgs., c.l., (20 tons), E. frt. alld..lb. .23 - —
Pac. cst., f.o.b. terminal..lb. .23 - —
l.c.l., 5 tons, E. dlvd...lb. .23¼- —
Pac. cst., ex whse...lb. .23¼- —
1,000-9,999 lbs., E. dlvd.lb. .23½- —
Pac. cst., ex whse....lb. .23½- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse..lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .23¼- —
l.c.l., 5 tons, E. dlvd...lb. .23½- —
1,000-9,999 lbs., E. dlvd.lb. .23¾- —
50-999 lbs., E. dlvd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05⅝- —
Pac. cst., f.o.b. terminal, lb. .05⅝- —
l.c.l., dlvd.....lb. .05⅞- —
Pac. cst., ex whse..lb. .05⅞- —
under 50 lbs., E. dlvd.lb. .06⅛- —
bbls., c.l., E., frt. alld...lb. .05⅞- —
l.c.l., E., dlvd.....lb. .06⅛- —
Tolidin base, distilled, kgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .45
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .28½- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .26 - .27
root, bls.....lb. .30 - .31
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Triacetin, dms.....lb. .28 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .50 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms. .....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .43 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, dms., c.l.....lb. .24½- —
500 lbs., dms.....lb. .25 - —
less than 500 lbs., dms.lb. .28 - .39
2, dms., c.l.....lb. .23½- —
500 lbs., dms.....lb. .24 - —
less than 500 lbs.....lb. .27 - .38
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.10
Oxide, CP, kgs.....lb. 2.90 - 3.00
tech., kgs. .....lb. 2.10 - 2.20
Turmeric root, Alleppey, bgs..lb. .05¾- .05½
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .28¼- —
l.c.l., 10, ex dock.....gal. .30¼- —
5, ex dock.....gal. .32¼- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, NH_3 unit. 1.00 - —
Uva ursi leaves, bls.....lb. .09 - .09½

V

Valerian root, bls.....lb. .09 - .09½
Valonia, beards, bgs., shipt..ton.47.00 - —
Cups, bgs., shipt.....ton.32.00 -34.00
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 3.75 - 4.25
Mexican, tins.....lb. 4.25 - 4.75
cut, tins .....lb. 3.65 - 4.00
South American, tins.....lb. 3.65 - 3.85
Vanillin, ex eugenol, 25-lb. tins, lb. 2.25 - —
5-lb. tins.....lb. 2.35 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs.....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .45 - .47
Tree bark, bls.....lb. .22 - .23
Wattle bark, bgs., shipt.....ton.39.75 -41.75
Extract, bbls. .....lb. .04⅜- —
Wax, bayberry, import, bgs...lb. .16¾- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10...lb. .22 - .22½
1 bg. .....lb. .24½- .25½
Brazil, Chile, bgs., 5-10 tons, lb. .23 - .23½
1 ton .....lb. .23½- .24
500 lbs. .....lb. .24 - .24½
100 lbs. .....lb. .24½- .25
refd., slabs, cs., lbs....lb. .33 - .33½
Candelilla, bgs., 1 ton.....lb. .14½- .15
jobbing lots .....lb. .15 - .15½
Carnauba, No. 3, chalky, bgs., 1 ton..lb. .33½- .34
5 bgs. .....lb. .34 - .34¼
1 bg. .....lb. .34½- .34¾
N. C. 2, bgs.....lb. .36½- .37
N. C. 3, bgs., 1 ton.....lb. .33½- .34
5 bgs. .....lb. .34 - .34¼
1 bg. .....lb. .34½- .34¾
refined, bgs. .....lb. .37½- .38
yellow, No. 1, bgs., 1 ton..lb. .40½- .41
5 bgs. .....lb. .41 - .41½
1 bg. .....lb. .41½- .42
No. 2, bgs. .....lb. .39½- .40
Ceresin, dom., 138°140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-180° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs.....lb. .10 - .10¼
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11¼- .12
Ozokerite, hard green, congeal, p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs. .....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.59 - —
dms., 50 lbs., or more...lb. 1.46 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted,blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .06
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .08 - .09
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex docks ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .08 - .09

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....lb. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.	lb.	1.25 - 1.50
Yellow, cadmium, CP, import., bxs.	lb.	1.50 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.	lb.	.45 - —
smaller lots, same basis,	lb.	.50 - —
kgs., ton lots, same basis.	lb.	.50 - —
smaller lots, same basis,	lb.	.55 - —
sulphide, orange, bbls., works,	lb.	1.50 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....	lb.	.14½- —
open order	lb.	.15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.		
Dutch pink, bbls.	lb.	.09 - .11
Hansa, bbls., same basis, chrome.	lb.	1.37 - —
Mercury oxide (see M).		
Ocher, Amer., golden, A, bbls., works.	lb.	.06¼- —
B, bbls., works.	lb.	.04½- —
C, bbls., works.	lb.	.03½- —
yellow, A, bbls., works.	lb.	.02¾- —
B, bbls., works.	lb.	.02½- —
C, bbls., works.	lb.	.02 - —
D, bbls., works.	lb.	.0195- —
E, bbls., works.	lb.	.01775- —
F, bbls., works.	lb.	.01½- —
G, bbls., works.	lb.	.01½- —
H, bbls., works.	lb.	.01⅜- —
French, all shades, cks., c.l., ex dock Balto., Boston, N. Orleans, for import	lb.	.02475- —
New York (f.o.b.)	lb.	.02½- —
Philadelphia, for import.	lb.	.02¾- —
Portland, Seattle	lb.	.03 - —
San Pedro, S. Francisco.	lb.	.0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans.	lb.	.02575- —
New York	lb.	.02½- —
Philadelphia, for import.	lb.	.02¾- —
Portland, Seattle	lb.	.03½- —
San Pedro, S. Francisco.	lb.	.03 - —
ex whse., Balto., Boston, N. Orleans.	lb.	.02725- —
Chicago. E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis,	lb.	.03⅝- —
Minneapolis	lb.	.03½- —
New York	lb.	.02¾- —
Pittsburgh	lb.	.03¼- —
Portland, Seattle	lb.	.03⅜- —
San Pedro, S. Francisco.	lb.	.03¼- —
f.o.b. N. Y., from dock,	lb.	.02⅜- —
from whse.	lb.	.02⅞- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y.	lb.	.04½- —
l.c.l., same basis	lb.	.04¾- —
synth., bbls., c.l., works.	lb.	.06½- —
l.c.l., works	lb.	.06¾- —
Persian orange (see O).		
Zinc, bbls., same basis chrome CP. contracts.	lb.	.18 - —
open order	lb.	.19 - —
Yellow dock root, bls.	lb.	.09 - .10
Yellow root (xanthoriza), bls.	lb.	.09 - .10
Yerba santa leaves, bls.	lb.	.08½- .10
Yohimbine hydrochloride, vis.	oz.	2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd.,	lb.	.21 - —
USP., bbls., 250 lbs.	lb.	.27 - —
kgs., 100 lbs.	lb.	.29 - —
Arsenate, bgs., cs., c.l., dealers. E. of Rockies.	lb.	.12¼- —
c.l., bgs., cs.	lb.	.13 - —
Arsenite, bgs., cs., c.l., dealers, E. of Rockies.	lb.	.12½- —
W. of Rockies, bgs.	lb.	.12½- —
l.c.l., bgs., cs.	lb.	.13 - —
W. of Rockies, bgs.	lb.	.12¾- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.		
Carbonate, tech., bbls.	lb.	.14 - .15
USP, precip., powd., bbls.	lb.	.31 - —
dms.	lb.	.36 - —
kgs.	lb.	.33 - —
Chloride, fused, dms., c.l., works.	100 lbs.	4.25 - —
l.c.l., works.	100 lbs.	4.60 - —
gran., dms., c.l., works,	100 lbs.	5.00 - -
l.c.l., dms., works.	100 lbs.	5.75 - -
USP, 200-lb. dms.	lb.	.25 - —
25 lb. jars.	lb.	.31 - —
solut., dms., wks.	lb.	.04½- -
tanks	lb.	.0226- -
Cyanide, kgs., works.	lb.	.33 - —
Dust, bbls., c. l., dlvd.	lb.	.06¾- —
l.c.l., bbls., dlvd.	lb.	.07¼- —
Fluoride, bbls.	lb.	.20 - .25
Iodide, N.F., bots.	lb.	4.15 - —
jars	lb.	4.00 - —
Metal (see daily quotations in Market report)		
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.,	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06⅛- —
l.c.l., dlvd., except ex whse., Pac. cst.	lb.	.06⅜- —
bbls., c.l., dlvd.	lb.	.06⅜- —
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝- —
ex whse., Pac. cst.	lb.	.06⅝- —
35%, bgs., c.l., dlvd.	lb.	.0590- —
l.c.l., dlvd., except Pac. cst.	lb.	.0615- —
ex whse., Pac. cst.	lb.	.0590- —
bbls., c.l., dlvd.	lb.	.0615- —
l.c.l., dlvd., except Pac. cst.	lb.	.0640- —
Zinc oxide, pigment, dom., Amer., process, leaded, 35%, bbls., l.c.l., ex whse., Pac. cst.	lb.	.0615- —
50%, bgs., c.l., dlvd.	lb.	.0592- —
l.c.l., dlvd., except Pac. cst.	lb.	.0617- —
ex whse., Pac. cst.	lb.	.0580- —
bbls., c.l., dlvd.	lb.	.0617- —
l.c.l., dlvd., except Pac. cst.	lb.	.0642- —
ex whse., Pac. cst.	lb.	.0605- —
French process, com'l lead-free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
green seal, bgs., c.l., dlvd.,	lb.	.08 - -
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08⅛- —
bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08½- —
ex whse., Pac. cst.	lb.	.08½- —
red seal, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd., except Pac. cst.	lb.	.07¾- —
ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., dlvd.	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.08 - —
ex whse., Pac. cst.	lb.	.08 - —
white seal, bgs., c.l., dlvd.,	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¾- —
ex whse., Pac. cst.	lb.	.08¾- —
bbls., c.l.	lb.	.09¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.09 - —
ex whse., Pac. cst.	lb.	.09 - —
Zinc oxide, import, gold seal, cks., ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.,	lb.	.10 - —
white seal, cks., ex whse.,	lb.	.11 - .12¼
USP, bbls., c.l.	lb.	.09½- —
Palmitate, bbls.	lb.	.23 - .26
Resinate, fused, pale, bbls.	lb.	.10 - —
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 - —
l.c.l., 1 ton.	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
less than 1,000 lbs.	lb.	.23 - —
U.S.P., bbls.	lb.	.21 - .28
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 - —
l.c.l.	100 lbs.	2.50 - —
bbls., c.l.	100 lbs.	2.90 - —
l.c.l.	100 lbs.	2.65 - —
flake, bgs., c.l.	100 lbs.	3.10 - —
l.c.l.	100 lbs.	3.85 - —
bbls., c.l.	100 lbs.	3.25 - —
l.c.l.	100 lbs.	4.00 - —
l.c.l.	100 lbs.	5.10 - —
bbls., c.l.	100 lbs.	4.50 - —
l.c.l.	100 lbs.	5.25 - —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.08¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08¾- —
bbls., c.l. (20 tons), dlvd.	lb.	.08¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08⅞- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .28
Zinc-ammonia chloride, dms., c.l., works.	100 lbs.	5.15 - —
l.c.l., works.	100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd., except Pac. cst.	lb.	.05½- —
ex whse., Pac. cst.	lb.	.05½- —
powd., bgs., c.l.	100 lbs.	4.35 - —

Yara Yara—Zirconium

Zirconium nitrate, kgs., work.	lb.	3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works.	ton.	75.00 -100.00
kgs., small lots, works.	lb.	.04¼- .04½
white, 98%, rgd., kgs., works,	lb.	1.40 - 1.52

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the July 4 issue; the next printing will be in the August 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

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Government Reorganization

It is confidently to be expected that the idea of reorganization of the administrative branch of the Federal government will be revived in the next session of Congress. Preparation of factual data to support claims that economies can be effected is now going on. The approach to the objective will be more subtle, but it will also be better carried on.

There should be reorganization of governmental functionings. The major purpose of this should be to put government more intensively in the job of governing and less extensively, if at all, in the scores of other jobs that it is now trying to do. Governmental functioning should be so reorganized that governmental agencies will stick more closely to their lasts; that government, in its relations with business, will confine its activity to advising in business policies and exercising just that measure of control which is necessary to prevent exploitation or unfair competition. It is not a proper function of a democratic government to dictate the policies of business or to regulate business practices down to the minutest detail.

There is no authority in the constitution and no reason anywhere else for the AAA, FSCC, WPA, or any other functioning of government as a producer or distributor of goods or services that can be provided by private enterprise; for governmental research in agronomy or in the application of insecticides; there is certainly no reason why the government should be engaged in providing work.

But, unfortunately, there are excuses for all these usurpations by government of functions appropriate to private enterprise. Some of these excuses are rather far-fetched; others exist in the unquestionable failure of private industry adequately to play its economic part. Business, for all its undeniably great contributions to the general welfare, has not achieved the potentialities of its services. The job has not been adequately understood. Government understands the job in most of its parts much less adequately, it is true, but business has afforded government an excuse for applying its " 'prentice hand."

Government should be reorganized to put it at its own job. Business should be reorganized to keep it there.

Whose Is the Housing Job

It is being talked about in informed circles that one important item of the administration's agenda for the next session of Congress will be the proposal of an extension of the Federal housing program to provide a government agency for the construction of houses for sale or rent. More and better housing is an imperative national need; private enterprise should step into this gap in full anticipation and effective prevention of further encroachment of government upon its field of potentially profitable activity.

Certainly the building materials industries must prefer to go along with the construction industry rather than have the government as a customer. If they do not, the spreading of governmental functioning farther and farther over the industrial field must be accepted as inevitable—and justified.

Certainly the many industries that have a part in the providing of housing are big enough and sound enough to get financial backing for the undertaking of the construction that is so clearly needed. The question is whether they have sufficient self-confidence to make the venture for direct self-preservation in part and wholly for the national industrial welfare. It is also to be seen whether they are wise enough to construct the necessary cooperative organization and to recognize that a moderately comfortable existence is far better than stubborn starving to death.

The government has already gone a long way in pursuit of its idea that the housing needs of the nation should be met. It has afforded a fairly promising financial scheme for the participation of private enterprise in the development of that idea. It may reasonably be assumed that, if earnest use was made of this opportunity the more or less fictitious aversion of banks to industrial loans would be disclosed as mere, understandable reluctance to take a chance on those who show little, if any, reliance in themselves.

A beneficent "construction trust" could be created with good effect, and without reasonable fear of conflict with the current interest in monopolies. Its opportunities present an appeal that is not so much for the speculatively venturesome as it is for those who have faith in the ability of business to do a good job for itself in doing a necessary public service. There might not be "big money" for anybody in the operations of such a "trust," but it could contribute substantially to the need for money in more general circulation.

—O-P-D—

Better the Tax System

Another job that will be laid before Congress in its next session is that never-finished one of revising the tax system. It is to be hoped that this next attempt will be aimed primarily at improvement, rather than mere change. But, although the scientific study of taxation that was not evident in the latest revision is reported to be getting more attention, there is no sign of assurance that a better tax system will be constructed, or even attempted.

It must once again be reiterated that at least the groundwork of a satisfactory tax system should be done by business. Taxation is one of the most potent influences on business operations. Taxing is a business operation directed to the financing of governmental functioning. Taxes must be levied on private business, for there is no other base. Taxation, therefore, is a business problem, and as such its solution devolves on business. Business should draft the next tax law, and the drafters should primarily seek a better system.

Improvement of the tax system will not be easy; it will be impossible unless the task is approached with a purpose other than the all-too-common one of shifting the burden to the other fellow. Equitable distribution of the tax burden should be the first concern. Open taxes should be a close second. And the whole purpose should be to make tax-consciousness sink deep into the mind of everybody, and to stick there, a ferment that will produce effective public action against inequitable taxation and unnecessary taxation.

Human beings alone should be taxed, and the tax should be levied directly upon them. There is nothing but subterfuge and expediency in taxing cosmetics, automobiles, tobacco products, alcoholic beverages, or corporations, for Federal revenue. This revenue should be drawn directly from the pockets of everybody in proportion to ability to pay. A personal income tax, based on gross income from every source, exempting nobody, is the answer. It cannot logically be argued that this would throw an inequitable burden on the taxpayer of small income, for the members of the small-income group now pay the largest proportionate tax—but they do not know it.

Business should tackle the job of constructing a better tax system now. It should organize for the task, with representation for ownership, management, and wage-earner, for backer, producer, distributor, and consumer. Much good has been done in limited areas by tax-studying and tax-bettering groups. More good can be done on a national scale—and this good will go down to State, to county, to township, and to municipality.

The job must be tackled with a clear purpose of laying all facts right out where they can be seen and explaining them so that all can understand. Those branches or elements of business which now must pass along eventually to the consumer scores of taxes should tell their story, tell the consumer how much of what he pays for this, that, or the other thing is tax, pyramided of necessity and returning to the government but a part of what the consumer pays. Business can construct a better tax system; and, if the construction is done in full daylight, government cannot refuse to accept it.

—O-P-D—

More Signs Of Cooperation

Those who, with full justification, believe that recovery of business from its unsatisfactory condition depends chiefly on the cultivation of mutual understanding between business and government and the development of a cooperative spirit and a coordinated purpose, find a deal of encouragement in the reduction of prices by the steel industry. Their encouragement is enhanced by the manner in which this action has been recognized by the head of the PWA.

The price reduction doubtless resulted from appreciation of the fact that development of the potential construction market evidently can be promoted by a lowering of production costs. This fact deserves most careful consideration by every industry interested in the revivification of building operations.

But, the best part of this latest evidence of the desire of business to do its part in promoting recovery is that the steel industry's contribution has been accepted by government as voluntary and commendable, not gloated over as a concession wrung from "reluctant obstructionists" because "we planned it that way."

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Heavy Chemicals

Demand from Textile Industry Shows Improvement—Blue Vitriol Advanced — Soda Silicofluoride Reduced — Copper Oxides Higher—Tin Derivatives Display Further Strength

Business in the market for industrial chemicals was retarded somewhat by holiday influences and seasonal dullness in many basic consuming industries. However, a broadening in the demand from the textile industry made its appearance in several directions. Metallic salts continued to provide the principal price fluctuations in the market.

Further strength in copper and tin brought about upward revisions in blue vitriol, monohydrated blue vitriol, red and black oxides of copper, tin oxide, tin crystals, anhydrous tetrachloride of tin and soda stannate. The only reduction was made in soda silicofluoride, reflecting the lack of demand and the competition from the imported material.

Glauber's salt, potash caustic, caustic salt, soda ash, soda nitrate, and certain mineral acids displayed a better inquiry from the textile industry, reflecting a stepping up in mill schedules and the reopening of plants previously closed for a long period. Alums experienced a fairly steady demand. Lead acetate and zinc chloride were firm because of strength in the basic metals. Calcium chloride demand continued to hold up well. Chlorine was active. Anhydrous ammonia, carbon dioxide, methyl chloride and sulphur dioxide were in good demand for refrigerating purposes. Soda cyanide, nickel salts and chromic acid were dull. Copperas continued in short supply. Calcium arsenate featured the agricultural insecticide division.

Alums. — The market for various alums continued steady last week. A moderate demand was uncovered for ammonia, potash and alumina sulphate, commercial and iron-free. The call came chiefly for water treating, and the paper and leather industries. Quotations were unaltered. May exports of aluminum sulphate aggregated 5,316,972 pounds, valued at $53,642, of which 3,907,305 pounds went to Canada; 772,014 pounds to Argentina; 300,000 pounds to Colombia; 124,563 pounds to Cuba, and 124,000 pounds to the Philippine Islands. Exports of other aluminum compounds during May amounted to 332,244 pounds, vaued at $26,502.

Ammonia, Anhydrous.—With the season for heavy withdrawals at hand for refrigerating purposes, sellers report a good interest in the market. Quotations ruled firm.

Ammonia Aqua. — Business in the market was maintained at fair levels throughout the past week. A steady to firm tone governed the transactions.

Ammonia Carbonate. — Moderate withdrawals for the account of chemical processors and food industry continued in evidence again last week. No change was disclosed in the quotations.

Antimony. — Dullness continued to characterize dealings in the market, and buying was confined to small lots for the most part. Price was maintained at the 11¼c. per pound for domestic spot, unchanged from the previous week.

Arsenic.—Business in the market for the red and white material continued along quiet lines, reflecting to a large degree the lack of interest from the ceramic and glass industry. Quotations were well maintained.

Barium Salts. — The market for barium derivaties was without particular feature. The call was made up of small quantities in most instances for nearby requirements. Quotations for barium carbonate, chloride, chlorate, dioxide, fluoride, fluosilicate, hydrate, nitrate, oxide and sulphate were without alteration.

Blue Vitriol.—Quotations for 99 percent blue vitriol were advanced 15c. per 100 pounds, making carload price $4.15 per 100 pounds, f.o.b. New York, with the usual differentials for special sizes and small quantities. Monohydrated grade was 20c. per 100 pound higher, with car lots at $8.50 to $8.75 per 100 pounds and less car lots, $9.50 to $9.75 per 100 pounds, f.o.b. works. Business continued at an active pace.

Calcium Carbide.—The market continued to reflect conditions in the metallurgical industry, and commitments were held to modest proportions. Quotations were unchanged. May exports totaled 551,093 pounds, valued at $16,602, of which 436,500 pounds went to the Philippine Islands.

Calcium Chloride.—A broader demand for dust control work was revealed in several sections last week. The call for other purposes such as refrigeration, treating coal and concrete curing was held at fair levels. Quotations were steady to firm. May exports aggregated 6,452,252 pounds, valued at $43,859, of which 3,758,000 pounds went to Sweden; 2,409,614 pounds to Canada, and 100,240 pounds to Panama.

Carbon Bisulphide.—Quotations were maintained at previous levels. Business was reported as spotty, with commitments held to modest quantities in most cases. Exports of carbon bisulphide from Italy rose from 77 metric tons in 1936 to 403 tons in 1937. Italian output was placed at 27,926 tons in 1936.

Carbon Dioxide. — Interest in the market was well sustained, with the call for refrigerating purposes providing the bulk of the business. Quotations ruled firm.

Chlorine.—An active demand was reported from various consuming channels throughout the past week. The chief interest was provided by the paper industry, and for water purification and sanitation purposes. Quotations were well sustained at previous levels.

Copper. — Price for domestic copper was advanced again this week to the 9¾c. per pound level, making the third increase since last week. Inquiry for copper at the higher levels subsided somewhat from the heavy buying wave started about two weeks ago. Total sales for the current month were estimated around 76,632 tons, contrasted with only 2,782 tons disposed of locally in the comparable June period. In the foreign market copper was sold in fair volume. Price ranged from 9.95c. to 10.07½c. per pound.

Copper Salts.—Price for red and black oxides of copper scored another fractional advance last week in sympathy with the higher quotations for the basic metal. Quotations for black copper oxide ranged from 14½c. to 15½c. per pound; red copper oxide, navy grade, was 15c. to 16c. per pound. Other copper derivatives such as copper carbonate, acetate, chloride, cyanide, and nitrate were unchanged. Business was along moderate lines.

Copperas.—A firm tone continued to govern the dealings. The statistical position of the market was little improved, and the small supplies were easily absorbed. Steel operations last week were scheduled at 22.4 percent of capacity, compared with 28.7 percent in the previous week, and 67.3 percent in the corresponding period a year ago.

Fluorspar.—Quiet continued to characterize dealings in this direction, mirroring the low operating levels in

Price Changes

Prices were changed during the past week as follows:—

Advanced

Blue vitriol, 99 pc., 15c. per 100 lbs.
monohydrated, 20c. per 100 lbs.
Copper, electrolytic, ¼c. per lb.
oxide, black, ¼c. per lb.
red, comm'l, ¼c. per lb.
Soda stannate, 1c. per lb.
Tin crystals, ½c. per lb.
oxide, 2c. per lb.
Straits, ¾c. per lb.
tetrachloride, anhy., ¼c. per lb.

Reduced

Soda silicofluoride, dom., ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
149.1	**149.0**	**149.0**	**154.4**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	**99.6**	**99.6**	**99.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

the ceramic and metallurgical industry. Quotations remain unaltered.

Glauber's Salt.—A better inquiry was reported for the textile industry in some directions last week, reflecting the reopening of some mills. No change was disclosed in the price schedule.

Lead Acetate.—A firm tone ruled in the market last week, the firmness could be attributed to the better quotations prevailing for the basic metal, rather than any stimulation in demand from principal consuming channels.

Magnesia Chloride.—Developments of importance were lacking in the market, and business continued along quiet lines. Quotations were well sustained at previous levels.

Methyl Chloride.—A fair interest was manifested in the market with the call for refrigerating purposes making their appearance in moderate volume. Prices were without change.

Nickel Salts.—Interest in this direction remained restricted by virtue of light commitments by the plating trade. Automotive operations were reaching seasonally low levels, and not a great deal could be expected from this direction for the next few weeks at least.

Phosphorus.—The call for the red and yellow phosphorus was spotty, and demand was held to moderate proportions. Quotations were unaltered.

Potash Carbonate.—The market was highly irregular last week. The call from the soap trade was steady, while glass industry was making only small commitments. No change was disclosed in the quotations.

Potash Caustic. — A more active interest was uncovered from some textile consumers. The call from other consumers continued along moderate lines. A steady to firm tone continued in evirence.

Potash Chlorate.—The call for the account of match and explosive industry was spotty, and the season for firework manufacturers has reached its peak. Sellers were adhering to quotations in force previously.

Saltpeter.—Dealings in the market were along conservative lines again last week. A fair interest was reported for meat curing purposes. Other large consumers, however, were not displaying a great deal of interest in the market for large quantities. Prices ruled firm.

Soda Ash.—A better inquiry for the textile trade began to make its appearance. The call for soap industry and bottle washing purposes continued to hold up relatively well. Quotations ruled unchanged.

Soda Bicarbonate. — A fairly steady demand was uncovered for the food and beverage trades again last week. Quotations were in conformity with the previous period.

Soda, Caustic.—With the resumption of textile mill activity in some sections for Fall materials, demand from this source showed signs of picking up moderately. Other consumers were coming into the market for fair quantities.

Soda Cyanide.—Quiet conditions prevailed in the market, reflecting the dullness in the electro plating and metallurgical industries. Prices were well maintained at previous levels.

Soda Fluoride. — The market continued concerned with small quantities for the most part, and usual consumers were content to follow a conservative policy for the time being at least. Quotations were in conformity with the preceding period.

Soda Nitrite.—The better outlook for the textile industry was expected to show some reflection in this direction in the near future, while current business was still held at moderate levels a slight broadening in the demand was reported in some directions.

Soda Phosphate.—A fairly broad interest was shown in the market from various consuming industries. The call came chiefly from laundries, bottling plants and food trade. Price schedules remained unaltered.

Soda Silicofluoride. — Domestic quotations were reduced ½c. per pound at 5¼c. to 5½c. per pound, according to quantity. The lower quotations could be attributed to the lack of demand and the competition in the imported material recently.

Soda Stannate.—Prices were advanced 1c. per pound at 29½c. to 32½c. per pound, reflecting the further strength in the Straits metal last week.

Sulphur Dioxide.—A steady to firm tone ruled in the market throughout the past week. Business was reported as holding up fairly well in some lines, particularly for refrigerating purposes.

Tin Salts.—Quotations for various tin derivatives were higher again last week. Tin oxide advanced 2c. at 48c. to 50c. per pound; tin crystals was 35c. to 35½c. per pound, and anhydrous tetrachloride of tin at 22c. per pound. Straits tin was quoted around 43¾c. per pound. The Navy Department came into the market for tin last week, awarding a contract for 201,600 pounds of tin for delivery in New York at $87,373, or an average price of 43.34c. per pound.

Zinc Chloride.—A firmer tone prevailed in the market last week. The firmness could be attributed to the higher prices for the basic metal recently. Business was only fair at times, and held to nearby requirements in most instances.

Acids

Improvement in some textile lines, which brought about the opening of mills long closed, was reflected in a slightly broader inquiry for mineral acids consumed in this industry. Acetic, formic, gallic, lactic and muriatic enjoyed slightly better demand. The call was not exceptionally heavy, but in view of the dullness prevailing for some time in this direction, it was looked upon as an encouraging factor. Sulphuric acid, while showing some inquiry from the textile field, remained comparatively quiet. Oxalic was steady. Chromic and battery acids were still suffering from the effects of low automotive production. Price schedules in all instances were well maintained.

Acetic. — While business was still quiet, evidence of a pickup in the textile industry was expected to show improvement in the market in the near future. Quotations ruled unchanged. May exports amounted to 8,547 pounds, valued at $1,031, of which 2,652 pounds went to Canada; 1,062 pounds to Nicaragua; 2,000 pounds to Cuba, and 1,250 pounds to Venezuela.

Battery.—There was nothing new to report in the market, low automotive output was still restricting business in this direction. Quotations were unchanged.

Chromic.—The call from the plating trade remained restricted. and the market drifted through another quiet week. No change was reported in the quotations.

Formic.—A better inquiry from the textile industry was the only bright spot in the market last week. Other consumers adhered to a modest purchasing policy. A steady to firm tone governed the dealings.

Gallic.—Business was reported slightly better, but in most cases consumers were restricting commitments to meet nearby needs only. Prices showed no change.

Lactic.—Commitments were held to moderate quantities, the call coming from the foodstuff, textile and leather tanning trades principally.

Muriatic.—The textile trade was taking a slightly better interest in the market, it was reported in some quarters last week. Quotations were in conformity with the preceding period.

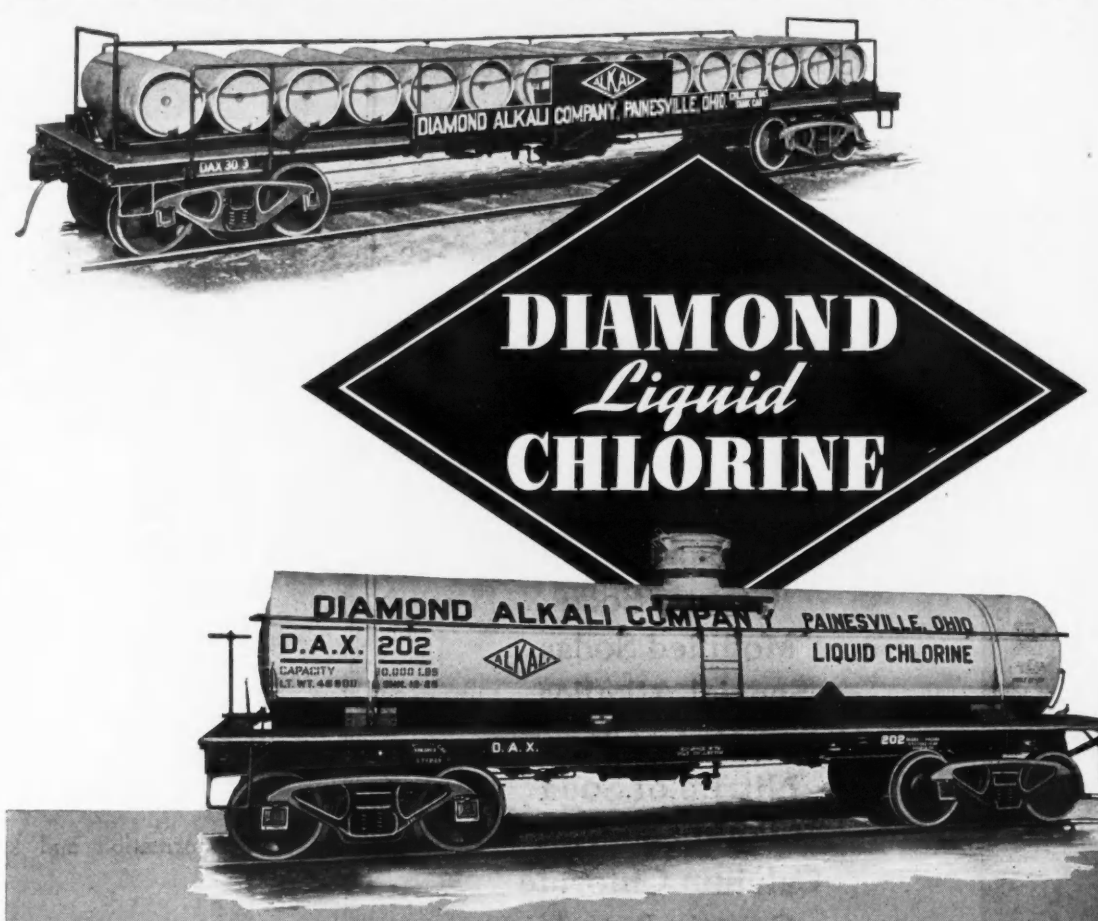
Nitric.—A fair interest was displayed in some directions last week, but shipments continue to move at a moderate pace. Sellers reported no alteration in the price schedule.

Oxalic.—A steady to firm tone was displayed in the market. Some consumers were showing a more active interest for small quantities. May imports totaled 22,224 pounds, valued at $1,027, all of which came from Germany.

Sulphuric.—The market for the various grades of sulphuric acid lacked any particular improvement last week. The summer dullness in most consuming lines contributed to the lethargy, and with the exception of the textile industry, not a great deal of interest was anticipated until later in the Summer. Price schedules were well sustained in all instances.

Baltimore, July 6.—While at least one of the products in which sulphuric acid is used has eased off in price, the market for acid itself remains firm, with producers still asking $12 per ton for 60 degree and $15 per ton for 66 degree acid. More interest appears to be shown in the market, however, and the latter no longer bears that appearance of listlessness which characterized it for some time past. To be sure,

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7



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the producers are not pushed to take care of the requirements of consumers, with only the incidental needs of this class to be met, and with the big buyers generally covered by contracts placed at the end of the last year. Oleum is also steady around $17 per ton for 20 percent supplies, both pyrites and brimstone.

Insecticides

Calcium arsenate once again supplied the chief interest in the market for agricultural insecticides and fungicides. The peak season for shipments was under way, and demand from some Southern States, particularly Texas, was gaining momentum because of the lateness of the crop and the wet weather. Insect activity was still favored in some west central and north central portions of Texas. Bolls were appearing in Georgia beyond Atlanta. In the Carolinas and Virginia the nights were cold and many fields were wet from the recent rains, according to the government's weekly weather report.

According to the office of the Texas State entomologist, weather conditions during the past week were favorable for the multiplication of boll weevils and the flea hoppers in the Texas cotton fields. Considerable damage by both insects is anticipated if showers continue. Moreover, rainy weather is

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Modified Sodas
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Heavy Duty Cleansers
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Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
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hampering dust applications in South Texas. Grasshoppers also are threatening crops in 117 counties with the most serious outbreaks in the northwest. Leaf worms are hatching in large numbers from eggs laid by invading moths, which entered the United States from Central America, Mexico and the West Indies, several weeks ago.

Calcium Arsenate.—Movement of this material into consuming channels was reported at a good level last week. Rainy weather and the lateness of the cotton crop in some Southern States augured well for the multiplication of boll weevils and flea hoppers. Price schedules were well maintained.

Lead Arsenate.—In most instances the demand was made up of replacement orders, with the active season in most sections about completed. Prices remain unaltered.

Nicotine Sulphate.—Business in the market was held to moderate proportions; consumers in most areas have sufficient quantities to take care of nearby requirements. Prices were steady to firm.

Copper Production Gained in 1937

The copper industry in 1937 showed marked improvement over several immediately preceding years, according to the United States Bureau of Mines. Both domestic and foreign producers announced cuts in their operating rates in the last quarter of the year. In contrast with the condition in the United States apparent consumption abroad was maintained at high levels throughout the year.

U. S. Production

	Pounds— 1936.	1937.
Smelter output	1,222,819,396	1,669,322,278
Mine production....	1,229,030,719	*1,685,640,000
Refinery production of new copper:—		
Total domestic ...	1,290,924,195	1,644,505,129
Total domestic and foreign	1,644,977,410	2,133,627,803
*Stocks of refined copper	220,000,000	358,000,000
†Stocks of blister and materials in solution	391,000,000	428,000,000

*Preliminary figures.
†At the end of the year.

Chromium Mining & Smelting Corporation, Ltd., Montreal, will construct a smelter for early commercial production of a new material for the alloy steel industry at Sault Ste., Marie, Ont.

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TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR
CHLORIDE : SULPHUR : SILICON TETRACHLORIDE
CREAM OF TARTAR : SULPHURIC ACID : CARBON
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What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

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Two-hundred-thirty-fifth Instalment

Lubricants

Heavy-Duty Lubricants

(Continued from July 4 issue)

Bakius
Boiled greases
Butyl stearate
Booster
Carborite
Cerotic acid with hydrocarbon oil
Crackling grease
Coaltar derivatives
Cotton wastes
Cottonseed stearin
Degras
Diethyleneglycol
Diphenylene oxide
Estaco
Fatty acid having at least sixteen carbon atoms with hydrocarbon oil
Glycerin
Glycerin with soap of acids from hydrogenated fatty oil
Glycerin with soda-rosin soap
Graphlene
Grease
Grease with asbestos
Grease with fish oil
Grease with glycerin
Grease with graphite
Grease with mica
Grease with mineral oil
Grease with soapstone
Grease with talc
Grease with vegetable oil
Grease with white lead
Hydrocarbon olefins
Hydrocarbon oil with saturated fatty acid having at least sixteen carbon atoms
Hydrocarbon oil with arachidic acid
Hydrocarbon oil with cerotic acid
Hydrocarbon oil with stearic acid
Hydrogenated fatty oil acid soaps with glycerin
Kollag
Lanolin
Lard
Lead-mahogany soap with graphite and lime soap
Lime soap with graphite
Linseed oil, hydrogenated
Linseed oil, polymerized
Lubricating oil with saturated fatty acid having at least sixteen carbon atoms
Lubricating oil with arachidic acid
Lubricating oil with cerotic acid
Lubricating oil with stearic acid
Manjak
Metalead 544
Mineral cup grease
Mineral oils
Mineral oil with aluminum palmitate
Mineral oil with aluminum palmitate and uncoagulated rubber stabilizer
Mineral oil with aluminum soap
Mineral oil with aluminum soap and uncoagulated rubber stabilizer
Mineral oil with aluminum stearate
Mineral oil with aluminum stearate and uncoagulated rubber stabilizer
Mineral wax
Maroleum
Multilube
Oleic acid, crude
Paraffin
Paroil
Pigsfoot grease
Petrolatum
Petrolene
Petroleum
Petroleum, asphaltic base
Petroleum derivatives
Salvol
Soap of acids with glycerin and soda-rosin soap
Soda-rosin soap with glycerin
Stearic acid with hydrocarbon oil
Stearin
Tallow
Tung oil, hydrogenated
Tung oil, polymerized
Vegetable wax
Whale oil, hydrogenated
Whale oil, polymerized
White grease
Wool olein
Wool stearin
Wool yarn
Wool waste
Wool-fat
Wool-fat in train oil
Wool-grease
Wool-grease acid
Zero mar

Materials Used in Making Lubricants

Acetone
Alcohol
Alkali hydroxides
Alkali-earth compounds
Almond oil
Alum
Aluminum compounds
Aluminum hydroxide
Aluminum salts
Aluminum silicate
Ammonium chlorate
Ammonium chloride
Ammonium phosphate
Ammonium sulphate
Ammonium tungstate
Amyl acetate
Anarol
Animal fats
Animal oils
Antonit
Asphaltic oil
Asphaltic residue
Arctic shark oil
Babbitt dust
Barytes
Beeswax
Bentonite
Benzene
Birch oil
Black oil
Blown oils
Borax
Boric acid
Butyl alcohol
Calcium chloride
Calcium hydroxide
Calcium oxide
Calcium soaps
Carbon bisulphide
Carbon tetrachloride
Carnauba wax
Casein
Castor machine oil
Castor oil, cold drawn
Castor oil, hydrogenated
Castor oil, polymerized
Castor oil, acid
Cellulose
Cellulose soda liquor
Cellulose sulphate liquor
Cellulose sulphide liquor
Cellulose sulphite liquor
Ceresin
Chalk
Chloroform
Chrysotile
Clay
Coaltar oil
Coast cod oil
Coconut oil
Cod oil
Codliver oil
Colza oil
Corn oil
Corn oil, hydrogenated
Cotton wastes
Cottonseed oil
Cottonseed stearin
Cup grease
Cylinder oil
Degras
Dextrin
Diethyl oxide
Dogfish-liver oil
Engine oil
Emulsifying oils
Emulsionon
Emulsive oils
Emulso
Epsol
Fat liquors
Fat liquor soap
Fats
Fatty acids
Fish oils
Fish oil, hydrogenated
Fish oil, polymerized
Fish oil sulpho-oleates
Flux oil
Formaldehyde
Fusel oil
Gasoline
Glycerin
Glycerin substitutes
Glyco-neats
Graphite
Green soap
Greases
Hard soap
Hydrocarbons
Hydrocarbon olefins
Hydrogen
Hydrogenated oils
Kaolin
Kerosene
Lampblack
Lanolubric
Lard
Lard oil
Lead soaps
Lead dust
Lead carbonate
Lead sulphate
Leatherlubric
Linseed oil
Linseed oil, hydrogenated
Linseed oil, polymerized
Lubricating oil
Mazola
Menhaden oil
Metasap
Metasap base 532
Metavis 540
Methanol
Migasol
Mineral cup grease
Mineral oil
Mineral wax
Neatsfoot oil
Oleic acid, crude
Olein soap
Oleostearin
Oleum
Olive oil
Pale seal oil
Palmitic
Potassium soap
Sodium salt of palmityl-paratoluenesuphonimide
Palm oil
Paraffin
Paraffin oil
Paroil
Peanut oil
Petrolatum
Petrolene
Petroleum
Petroleum, asphalt base
Polymerized oils
Potassium sterylbenzene-sulphonimide
Rapeseed oil
Rapeseed oil acid
Red engine oil
Resins
Resin oils
Ricinola
Rosin
Rosin oil
Seal oil
Sesame oil
Shale oil
Shark oil
Skin grease
Soaps
Soapstone
Sodium carbonate
Sodium chloride
Sodium hydroxide
Sodium nitrate
Sodium palmitylpara-toluenesulphonimide

(To be continued)

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***39° C. M. M. Pt. Technical* approximates the U. S. P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopœia specifications.**

***82-84 per cent and 90-92 per cent Technical*—grades which contain limited amounts of Ortho, Meta and Para Cresols.**

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***U. S. P.* Barrett Cresol U.S.P. not only meets U. S. Pharmacopœia specifications but contains less than 9 per cent Phenol.**

***Meta-Para Cresol*. Standard grades having boiling ranges of 3° C. and 5° C. with Meta Cresol content—55 per cent and 52 per cent minimum respectively.**

***Ortho Cresol*. Minimum Melting Point 30.4° C.**

***Meta Cresol*. 70 per cent and 80 per cent, for chemical and synthetic resin manufacturers.**

***Para Cresol*. 85 per cent and 98 per cent, for chemical, synthetic resin and pharmaceutical manufacturers.**

Special Cresol Fractions, to meet users' specifications.

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Straw color and dark grades of various distillation ranges, depending on requirements. Special grades for synthetic resin manufacturers.

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Barrett CHEMICALS

Coaltar Chemicals

Demand for Intermediates and Colors Shows Slight Improvement —Benzol Remains Firm—Cresylic Acid and Phenol Dull —Toluol Steady—Coaltar Acids Firm

A slight improvement in demand for intermediates and coaltar colors was reported in the coaltar chemical market last week. Basic coaltar products were in the doldrums. The market lacked any particular price feature, and a steady tone was reported in practically all directions.

The improvement in coaltar intermediates and colors could be attributed to a seasonal broadening in the textile industry. Prospects of a better Fall buying interest was gaining momentum in most textile lines, and mills previously shut down because of high inventories were commencing production to meet the Fall demand. Anilin oil showed a slightly better demand. Anthaquinone noted a better inquiry, and betanaphthol shipments were reported to be moving out in better volume. Coaltar acids were in moderate demand.

Basic coaltar products continue to feel the low operating levels of principal consuming interests. Automotive output was experiencing its usual summer lull, while the plastic and synthetic resin industry continued slow. Cresylic acid, phenol, cresol, and naphthalene were dull. Creosote oil noted little improvement from large consuming channels. Toluol, solvent naphtha and xylol received little support from the lacquer trade. Benzol was firm, sellers were experiencing difficulty in meeting the demand.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	125.9	126.1	127.2

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The market for benzol continued firm. Sellers were not having much difficulty disposing of the small quantity of benzol available. Production of benzol remained at low levels, and with steel operations showing only slight improvement in recent weeks, not a great deal of hope was held for early betterment in the statistical position of the market. Last week steel operations were scheduled at 22.4 percent of capacity, compared with 28.7 percent a week ago; the decline, however, could be attributed to the July 4th holiday. A month ago operations were at 26.2 percent of capacity, against 67.3 percent in the same period a year ago.

Cresol.—Developments of importance were lacking in this direction, large consumers apparently were content to limit commitments to nearby requirements only. Prices were without alteration.

Creosote Oil.—A routine week was again the rule in this direction. Only limited quantities were moving into principal consuming channels. Quotations were well maintained at previous levels.

Cresylic Acid. — The call from the synthetic resin industry and disinfectant trade was along moderate lines. Domestic quotations were well sustained at recently established levels. The import market, while still easy, may show some signs of firming in the near future because of reports from abroad to the effect that production has ceased in some cases owing to the lack of demand.

Naphthalene. — There was comparatively little feature to the market for refined and crude naphthalene. Seasonal factors were partly responsible for the lack of interest. Domestic quotations were without change. Import situation remained relatively easy, and the market was nominal.

Phenol.—The market moved through another dull period. Lack of interest from the synthetic resin industry and other large consumers continued in evidence. Quotations were well held at previous levels.

Tar Acid Oils.—Only a moderate interest was displayed in the market for the various tar acid oils. Prices were in line with those established a few weeks previous.

Solvent Naphtha. — The market was still feeling the effect of light demand from the lacquer trade because of low seasonal automotive operations. A steady tone ruled the dealings.

Toluol.—There was nothing new to report in the market, with demand held to small proportions in most instances to take care of immediate requirements only. Quotations ruled unchanged.

Xylol.—Developments of importance were conspicuous by there absence, and the market was a dull affair. Prices were without alteration.

Chicago Coaltar Bases

A firm market prevails in most grades of coaltar bases here. Demand has held steady in some materials, while in others it has shown a tendency to expand a bit. Benzol is said to be firm, while demand for xylol is irregular but somewhat better in some cases. The industry is watching to see the result of a possible substantial pick-up in steel industry operations. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 22c.; 10-degree xylol, 28c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—A moderate movement of technical material was reported throughout the past week for dyestuff and intermediate manufacturers. A steady to firm tone continued in evidence.

Fumaric.—Shipments were moving in small quantities for usual consumers again last week. No change was disclosed in the quotations from the preceding period.

Maleic.—A fair interest was uncovered for the powdered and anhydride materials during the past week. Quotations were well maintained at previous levels.

Salicylic. — Dyestuff manufacturers were showing only mild interest in the market. No change was reported in prices from those prevailing previously.

Sulphanilic.—Business in the market was confined to current production requirements in most instances. Sellers were adhering to quotations in force the previous period.

Other Intermediates

Anilin.—A slight improvement in business was reported in some quartes last week, reflecting to some degree the better situation prevailing in some textile lines. Quotations ruled unchange.

Anthraquinone.—A better inquiry was uncovered in the market from some consuming channels. There was nothing new to report in the price situation, and a steady to firm tone prevailed.

Betanaphthol.—Shipments were moving out in better volume than recently, it was revealed last week. This could be accounted for by the better interest manifest in major consuming lines. Prices ruled unchanged.

Dinitrobenzene.—A steady to firm tone predominated the market last week. Business was reported at fair levels, with a broader interest uncovered in some directions.

Dinitrotoluene.—A slight improvement in the demand was uncovered in this direction last week. Sellers were adhering to quotations previously in force.

Nitrobenzene.—Interest in the market was maintained at fair levels throughout the week under review. A firm tone continued to govern the dealings.

Orthonitrololuene.—Usual consumers were adhering to a moderate purchasing policy in practically all instances. No change was reported in quotations.

Phthalic, Anhydride.—Business continued along modest lines for the most part, with leading consumers content to

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

mark time before making sizable commitments. Quotations remain unaltered.

Xylidin.—The market was pretty much of a routine affair again last week, lacking any particular feature. Quotations ruled unchanged.

Coaltar Colors

A better inquiry was reported in the market for coaltar colors last week. While actual business showed only slight improvement, sellers were more cheerful regarding the trend of business over the near future in view of the better situation prevailing in most textile lines. Blue will be the surprise color of the Fall season, and will be chosen by an impressive number of women for coats, suits, costumes and dresses, according to announcement made by the National Retail Dry Goods Association. Imports of coaltar colors, dyes and stains during May totaled 192,427 pounds, valued at $305,366.

Calco Chemical Adds to Staff

The Calco Chemical Company, Bound Brook, N. J., has announced that George H. Lommel, formerly vice-president of John Campbell & Co., New York, has become associated with the main office of the company. The Campbell firm was merged with the Calco organization early in the year. John H. Grady, formerly manager of the Boston office for the Campbell firm, has become associated with the Calco Boston office.

Robert P. Wood, formerly in the finishing business, has joined the Calco office in Providence.

Bids Wanted

Acid, Acetic:—125,500 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

Muriatic:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3899, opening July 26.

Nitric:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3899, opening July 26.

Sulphuric:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3899, opening July 26.

Acetone:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3908, opening July 26.

Acetylene Tetrachloride:—12,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

Alcohol:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3857, opening July 22.

Ammonia, Aqua:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3908, opening July 26.

Anilin Oil:—31,200 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

Boiler Compound:—130,000 pounds for San Diego and Eastern yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3875, opening July 22.

Borax:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3908, opening July 26.

Calcium Chloride:—12,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

Chlorine:—180,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

Cresol Solution:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3900, opening July 26.

Naphthalene:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3908, opening July 26.

Oil, Fuel:—400,000 barrels for Norfolk, Va.; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3950, opening July 14.

Lard:—1,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 776, opening July 13.

Linseed:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3901, opening July 26.

Pine:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3904, opening July 26.

Plaster, Moulding:—1,500 pounds; Chief Clerk, U. S. Penitentiary, Atlanta, Ga.; procurement 39, opening July 12.

Polish, Metal:—Supplies for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3863, opening July 22.

Quicksilver:—800 pounds for Sewall's Point; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3864, opening July 22.
400 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3864, opening July 22.

Rosin:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3904, opening July 26.

Soap, Powder:—Supplies for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3869, opening July 22.

Turpentine:—For Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3904, opening July 26.

Zinc Dust:—16,200 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 516, opening August 1.

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increase your production, cut processing costs and assure you a better product

Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol—always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed—Freezing Point 5.30° C—Boiling Range, less than 1° C—Bromine Index 3.

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Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—98%, pale low-boiling. Insecticide Grades—98%, pale, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

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Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber

When gas systems are changed over from manufactured gas to natural gas, there is a tendency for joint and valve packings, meter leathers and other parts of the system to dry out. This leads to leaks and gas losses.

To overcome this condition, small quantities of oil fog or mist are released in the line. Some systems of doing this result in over-fogging or under-fogging. Western Gas Division of Koppers developed an oil fogger with an automatic ratio control which maintains the amount of oil fog to gas in exact proportions.

KOPPERS COMPANY

PITTSBURGH, PA.

Two Years of the Patman Act

—*Continued from page 5*

gality of trade discounts.[36] Trade discounts are thus definitely recognized by the commission and will not in and by themselves support a prosecution for violation of section 2 (a) of the act. Bona fide trade discounts are truly defensible discriminations and entirely lawful.

The commission, although recognizing the validity of trade discounts, at the same time also recognizes that there is no requirement under the act on the part of the seller to grant trade discounts. The seller may choose to sell all his customers at the same price, whether the buyer be a wholesaler or retailer, making no allowance for the function or type of customer.[37]

Although bona fide functional or trade discounts are apparently deemed legal by the commission, it will not, however, countenance the use of such trade discounts as subterfuges for price discrimination. The amount of the price differential or trade discount must not be too large so as to permit the wholesaler to pass on some of it to his retailers thereby enabling them to have an unfair competitive advantage over retailers buying direct from the manufacturer.

Functioning Must Be Actual

So, likewise, if a seller does allow trade discounts or price differences to his wholesalers, he must be certain that the recipient of the trade discount or price differential is in fact a wholesaler and performing the functions of a wholesaler. Merely classifying a buyer as a wholesaler when he is in fact nothing more than a large retail buyer and giving him a wholesaler's discount on such purchases is of no avail. Thus the commission has recently rendered a decision against five chemical inoculent companies[38] ordering them to cease and desist allowing certain jobber discounts to certain types of buyers. The respondent's price lists provided for a jobber's price and a higher price to retailers. The commission did not object to this functional or trade differential in price. It did, however, find that many of these jobbers were also selling at retail in competition with straight retailers. The commission's cease and desist order directed that, as to these combination jobber-retailers, the respondents discontinue giving such buyers the regular jobber price on that portion of their purchases which the buyers purchased for resale at retail as retailers but that such buyers be charged the same price charged to straight retailers.

If the buyer is, therefore, both a jobber and dealer (retailer), it becomes incumbent on the seller to separate the buyer's purchases and, as to those purchases which are bought for resale by the buyer at retail, the regular retail price must be applied thereto. An examination into the nature of the business of many so-called "wholesalers" will often reveal them to be either large-quantity retail buyers and therefore not entitled to a trade discount or combination jobber-dealers, in which event a segregation of their purchases would become necessary if a violation of the act is to be avoided.

The commission has also challenged the legality of a 15 percent trade discount given by a tile manufacturer to certain so-called "wholesalers," which discount was denied to tile contractors.[39] The commission alleged that these "wholesalers" were, in many instances, in fact nothing more than retailers, reselling the very products on which they received the 15 percent wholesaler's discount to the ultimate consumer in direct competition with tile contractors.

The commission has likewise attacked the legality of a pricing practice used by a number of window glass manufacturers whereby the respondents would classify their customers as "quantity buyers" and "carload buyers," allowing the former 7.5 percent discount and denying the same discount to the latter class.[40] The commission subsequently rendered a decision against the respondents and issued a cease and desist order, directing the respondents among other things to discontinue the classification of "quantity buyers" and "carload lot buyers" and the granting of differing discounts[41] to these buyers.

The commission has recently questioned the pricing practice of a chemical manufacturer involving what appears to be a functional or trade differential allowed by the respondent to certain of its wholesalers whom the respondent called "depots," and denied to other wholesalers.[42] Unless the respondent can justify these differentials on a true functional basis, or on the basis of costs of sales to such "depot" wholesalers, or as defensible discrimination, the commission will in all probability find against the respondent.

Trade Discounts Defined

The various opinions, complaints, and decisions of the Federal Trade Commission to date thus clearly show the commission's disposition to be as follows:—

1. Bona fide trade discounts based on function performed by buyer, such as wholesaler's discount, will not be objected to by the commission.

2. At the same time, the commission will not countenance any arbitrary classification of customers or trade discounts based thereon used as a subterfuge to hide unlawful price discriminations.

3. Trade discounts must be applied only to those buyers who in fact perform the particular function for which the discount is granted and only on those purchases which the buyer receiving the discount makes in such capacity. A wholesaler's discount on purchases by a wholesaler which are in turn resold by him at retail is unlawful.

4. The particular name that the seller gives to his buyers is unimportant. Whatever it be, whether "wholesaler," "jobber," "contractor," "depot," "jobber-agent," or what not, if the particular discount or price differential is a trade or functional allowance, it must be justified on the basis that the recipient thereof is truly performing such function. Otherwise, the seller better be prepared with sufficient cost data to prove that such differential or discount is a justifiable discrimination.

Quantity Discounts

The Robinson-Patman act has never presented any real problem as to quantity discounts. The act fully recognizes that a sale of a large quantity may result in a lower unit cost to the seller and in turn warrant a lower unit price to the particular quantity buyer. Hence a

[38] Hansen Inoculator Company; complaints No. 3263-6; Agricultural Laboratories, Inc., et al.; complaints No. 3263-6; cease and desist order issued January 16, 1938.
[37] Case No. 37, radio tube manufacturer, Chairman Ayres' Report, supra.
[38] Agricultural Laboratories, Inc., et al.; complaints No. 3263-6; cease and desist order issued January 16, 1938.
[39] United States Quarry Tile Company; complaint No. 2591, October 17, 1936.
[40] The Window Glass Manufacturers Association, et al.; complaint No. 3154, June 19, 1937.
[41] Federal Trade Commission order, November 2, 1937.
[42] Merck & Co., Inc.; complaint No. 3373, April 3, 1938.

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schedule of discounts for different quantity brackets, with progressively larger discounts as the quantity purchased increases and with the quantity brackets and amount of discount properly fixed in relation to costs, will not be attacked by the commission.

The fundamental prerequisite is, of course, that the quantity discount be fully justified by savings in cost of manufacturing, selling, or delivery attributable to the particular quantity involved. Quantity discounts are lawful only to the extent that they are justifiable discriminations and can be supported by costs to the seller.

In many lines of industry, particularly where stocks of goods are kept on hand at all times, manufacturing costs are more or less fixed and have little if any relation to the quantity sold in a particular sale. In such cases, the quantity discount must by necessity be lower, since the economies attributed to the quantity sale are lower. Quantity purchases may, however, and generally do result in savings in cost of selling and handling or delivery. Insofar as such economies do result, the seller may pass them on to the particular quantity buyer by way of a quantity discount or price differential.

The problem of cost accounting and allocation of cost is, of course, present here as in all justifiable discriminations. The seller must be prepared to substantiate his quantity discounts by cost data.

Discount Spreads Challenged

The commission has challenged the legality of a number of price schedules containing quantity discounts or price differentials based on quantity.[43] In many of these complaints, the spread for each quantity bracket was entirely too wide or the top quantity brackets were too high as compared with the lowest. Such price schedules are more vulnerable to attack especially where the discount for the top bracket is very large. Where the discount basis is clear, as for example discounts on carload lot purchases, it can be readily sustainable.[44] On the other hand, where the quantity discounts are not based on any definite quantity requirements, a violation of the act will most certainly be found to exist.[45]

Of course, one of the first prerequisites of lawful quantity discounts or price differentials based on quantity is that the discount be available to all competing customers alike. For that matter, this requirement is fundamental under the act to all pricing practices. Thus in the case of the Curtice Brothers Company complaint,[46] the commission's first inquiry was whether the quantity discounts were afforded to all customers. The commission alleged in that case that the respondent did not let its trade know of the different quantity prices. The respondent appears to have had three separate and distinct price lists which it designated by the letters "R," "A," and "S." Each price list had certain quantity requirements for qualification thereunder. The commission in its complaint makes much of the fact that the respondent allegedly did not let all its customers know of the existence of these three different price lists, with the result that many customers who purchased under the less favorable price lists, had they known of these price lists, might have purchased the requisite quantity and qualified for the lower prices allowed under the more favorable price lists.

Complete price publicity is thus most important. Of course, once the commission felt that the price lists themselves were not fully available to all buyers and a citation because of it was in order, it might as well challenge the quantity discounts themselves. The commission accordingly included in its complaint against the Curtice Brothers Company an allegation that the price differentials were "unjustifiable" on the basis of costs and therefore unlawful on this basis as well.

Quantity discounts or price differentials based on quantity have thus a legitimate and lawful place under the act. The occasion for the seller's being compelled to justify his quantity discounts before the commission should be rare if his discount structure is truly based on manufacturing, selling, or delivery costs and openly and uniformly applied to all his customers competing with one another.

[43] Standard Brands, Inc.; complaints No. 2986-7; Bourjois, Inc.; complaint No. 2972; Hudnut; complaint No. 2973; H. C. Brill Company; complaint No. 3299.
[44] Case No. 3, Chairman Ayres' report, supra.
[45] Christmas Club; complaint No. 3050; cease and desist order issued October 4, 1937.
[46] Curtice Brothers Company; complaint No. 3381, April 16, 1938.

—To be continued

Charlie Neal Finds Retirement Pleasant

Charles C. Neal, formerly director of product control for Sharp & Dohme, Inc., pharmaceutical manufacturer, Philadelphia, reports from Petersburg, Va., that he finds it pleasant to be doing nothing in the way of required work—he has been retired all of three months, and he plays golf, fishes, and collects stamps.

Mr. Neal, who is a well-known figure in the drug trade, was obliged by ill health to take a vacation of some two months in the Summer of 1937. Upon returning to work in September he found that his recuperation was too slow to permit him to work as strenuously as was his custom. So, he asked that he be retired January 1. The Sharp & Dohme management, however, made it possible for him to spend two months in Florida, but later complied with his request for retirement, voting him—as he puts it—"a modest pension."

Charlie Neal was born in Danville, Va., sixty-three years ago. After getting his schooling in the grade and high schools and the Danville Military Institute, he began a four years' apprenticeship in pharmacy with Dr. W. H. Cole, in his native town. At the end of his term he matriculated at the Baltimore College of Pharmacy, from which he was graduated with honors in 1899. He returned to Danville and for two years was in the retail drug business in partnership with his former preceptor, Dr. Cole.

Fire destroyed the drug store in 1901, and in August Mr. Neal accepted a position as representative of Sharp & Dohme, Baltimore, in southwestern Virginia. In February, 1902, Charles E. Dohme transferred him to the laboratories in Baltimore, where he started as an assistant in the tablet department. After working successively in the elixir, fluidextract, and powdered extract departments, he was made superintendent of the laboratories in 1924. He held this position until the business of Sharp & Dohme was merged with that of the H. K. Mulford Company, and the laboratories were moved to Philadelphia. At that time Mr. Neal was appointed director of product control for the company.

Gasoline Freights Off

The New York Public Service Commission has approved new commodity freight rates on the following:—

Of the New York Central (East) and West Shore on gasoline; blended gasoline; kerosene; petroleum fuel oil, residual or distillate, in tankcars, estimated weight 6.6 pounds per gallon, effective July 15, from Syracuse to Horseheads, 15c. per hundredweight; effective June 20, from Albany, Green Island, Rensselaer and Wemple to Rome 17½c. per hundredweight; from Schenectady to Rome, and from Albany, Green Island, Renssalaer and Wemple to Boonville, Vernon and Oneida Castle, 17½c. per hundredweight.

Dyestuffs, Textile and Leather Chemicals

Broader Inquiry for Textile Chemicals and Tanning Materials—J1 Myrobalans Advanced—Zinc Dust Firmer—J2 Myrobalans Lower—Quercitron Steady—Dextrin Unchanged

While the slight buying improvement witnessed in the past few weeks was interrupted by the holiday to a certain extent, sellers continue to report a broader inquiry for certain textile chemicals and tanning materials. A better interest in Fall textile buying continued, and further advances in various types of cotton, wool, hides and leather was expected to precipitate covering for Fall requirements. Price changes included higher quotations for J1 myrobalans, zinc dust and a reduction in J2 myrobalans.

Raw tanning materials and extracts displayed improvement, reflecting the better interest from tanning consumers, because of the better Fall shoe production schedules. Irregularity in J1 and J2 myrobalans provided the only price changes, with the former advancing and the latter showing a decline. Zinc dust moved fractionally higher late last week in sympathy with the strength in the basic metal. Alumina chloride, soda and potash bichromates noted a slightly better demand from textile and leather consumers. Natural dyestuffs were in moderate demand; cochineal and quercitron showing signs of moving in better volume. Egg products were dull and unchanged. Dextrin and starch were firm.

Cotton textile division sales of print cloth spurted again last week, and was ascribed in part to private crop reports indicating a crop somewhat under 12,000,000 bales, as against 18,000,000 bales a year ago. An increase in actual operations of the taffeta group featured rayon loom activity. A large manufacturer of clothes in Rochester summoned 3,300 employees back to work last week. The factory was shut down since Spring. Shoe manufacturers were encouraged by heavier orders for the Fall season, and this stimulated buying by tanners in substantial quantities at higher prices.

Price Changes

Prices were changed during the past week as follows:—

Advanced

J1, myrobalans, 50c. per ton.
Zinc dust, ¼c. per lb.

Reduced

J2, myrobalans, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
151.9	**151.9**	**152.0**	**154.1**

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride. — Demand from certain textile consuming lines showed signs of broadening slightly throughout the past week. While the improvement was not pronounced it gave evidence of breaking the lethargy prevailing in this direction for some time. Quotations ruled unchanged.

Antimony Salt.—The market was concerned with moderate withdrawals from time to time. Quotations were well maintained at previous levels.

Potash Bichromate.—A fair buying movement was reported for some textile and leather consuming interests. A steady to firm tone prevailed in the market.

Potash Prussiate.—Usual consumers were making withdrawals on a modest scale. Quotations were in conformity with the previous week.

Soda Bichromate.—A broader inquiry continued in evidence for the textile and leather industries, reflecting more active mill operations in many sections. No change was disclosed in the prices.

Zinc Dust.—A firm tone prevailed in the market, prices were advanced late last week ¼c. per pound at 6¾c. to 7¼c. per pound, acording to quantity, reflecting the firmer quotations for the basic metal. Business continued at moderate levels.

Dyestuffs

Annatto.—Movement of the seed and paste materials was along narrow lines, but sellers report a slightly better inquiry in the market. Quotations were without alteration.

Archil.—While business was not particularly brisk a fair share of orders for small quantities commenced to make there appearance.

Cochineal.—A steady to firm tone prevailed in the market. Sellers report that business showed some indication of picking up from the low levels prevailing heretofore.

Fustic.—A fair interest was uncovered in the market throughout the past week. Some consuming industries were taking a more active interest for this material. Quotations remain unchanged.

Indigo.—Business in the market for natural and synthetic indigo was along moderate lines for the most part. Quotations ruled firm.

Logwood.—The call was made up of small quantities in most instances, but more frequent inquiries were the rule from some sources, which heretofore were not taking an active interest in the market.

Quercitron.—A slight improvement was reported in some directions last week as the result of improved mill operations in major consuming lines. No change was disclosed in the quotations.

Sizing Materials

Aubumen, Egg.—The market gave little indication of snapping out of the lethargy prevailing for the past several weeks. Despite the dullness, prices were well maintained at previous levels. On the basis of present data, the outlook for egg prices until early 1939, as seen by the Bureau of Agricultural Economics, is for a more than seasonal advance in egg prices. The principal sources of egg supplies in the second half of the year are storage stocks, which this year are likely to be much below those of last year. It is expected that the effect of this shorter supply of eggs will more than offset the effect of lower consumer incomes.

Dextrin.—Business in this direction continued spotty last week. Quotations were steady to firm, reflecting the strength in the basic commodity. Visible supplies of corn for the week ended July 2 totaled 23,799,000 bushels, compared with 23,104,000 bushels in the previous week, and 5,522,000 bushels in the same period a year ago.

Egg Yolk.—There was comparatively little activity in the market during the past week. There was no disposition, however, to alter prices in view of the firmness prevailing in the shell egg market.

Starch.—Business in this direction was described as fair, with large consumers adhering to a conservative policy in most instances. Prices remain unchanged. According to the government weekly weather report the corn crop made satisfactory advance last week, with the exception of the more Eastern States the nights were rather too cool for best growth of corn and there was again too much rain in parts of the central valleys.

Tanning Materials

Chestnut Extract.—A steady to firm tone prevailed in the market, and business was showing a slight pickup from recent weeks.

Gambier.—A fair volume of business was uncovered in the market throughout the past week. Prices were well maintained at previous levels.

Myrobalans.—Quotations for the J1 were slightly higher at $27.50 per ton, while J2 myrobalans were lowered to $19 per ton. Sellers report a better interest in the market.

Quebracho.—The various grades of quebracho extract were moving at a slightly better pace, reflecting the better conditions prevailing in the tanning industry. Prices were unchanged in all instances.

Sumac.—The ground and leaf materials were in fair demand, the call from some sources being slightly improved. last week. Prices ruled unchanged.

Valonia.—A steady to firm tone governed the dealings during the past week. Business was reported as holding up comparatively well.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Du Pont Offers New Colors

A new basic color developed particularly for spirit printing is announced by E. I. du Pont de Nemours of Wilmington, Del. Designated as Auramine SP Concentrated, it is designed for use where the straight basic colors are employed in preference to the "Rotalin" colors for spirit printing, and where fastness to water bleeding is not a factor. Another addition to the current range of du Pont spirit printing colors is "Rotalin" Red B Extra Concentrated. It was developed in response to a demand for a bluer shade of red for spirit printing.

A new vat dye, "Leucosol" Black RA Double Paste, is announced by the du Pont Company. A bluish black printing color, suitable for direct or color discharge printing, it was developed for use in instances where other colors have given trouble by marking off on white grounds or viscose process rayon fabrics.

A new "Pontamine" dye has also been developed by du Pont. Known as Fast Blue 4 GLN, it is equal in strength fastness to light, and general application characteristics to "Pontamine" Fast Blue 4 GL. It produces, however, a more desirable shade which is noticeably greener and brighter.

Colfanite Company Agrees To Stop Misrepresentations

A stipulation to discontinue misrepresentation of colfanite, a varnish, has been entered into with the Federal Trade Commission by the Colfanite Products Company, Seattle, Wash. The respondent company agrees to cease advertising that colfanite is not a varnish, that it brings back original color, and that it will not soften, whiten, or discolor, unless this latter representation is qualified by the words "under ordinary circumstances." The representation that boat owners, generally, have accepted colfanite as the finest finishing material is to be discontinued.

According to reliable scientific authority colfanite, the respondent company admits, is a new type of varnish, not one of the old types made of gum and boiled oil.

Pollution Control Of Delaware Ruled

—Continued from page 3

that the most probable number of organisms of the coli aerogenes group shall not exceed one per milliliter in more than ten percent of the samples of sewage effluent tested by the confirmed test, and provided further that no single sample shall contain more than one hundred (100) organisms of the coli aerogenes group in one milliliter.

In zone 2 such effluent shall show a reduction of organic substances of at least eighty-five (85) percent as measured by the bio-chemical oxygen demand, and furthermore, such effluent in no case shall exceed a bio-chemical oxygen demand of one hundred parts per million, and furthermore, the discharge of such effluent, after dispersion in the water of the river, shall not cause a reduction of the dissolved oxygen content of such water of more than ten percent.

Such effluent shall be of such quality that the most probable number of organisms of the coli aerogenes group shall not exceed one per milliliter in more than twenty-five percent of the samples of sewage effluent tested by the confirmed test, and provided further that no single sample shall contain more than one hundred organisms of the coli aerogenes group in one milliliter. In zone 3 such effluent shall be sufficiently free of turbidity that it will not cause substantial turbidity in the water of the Delaware River after dispersion in the water of river.

Such effluent shall show a reduction of at least fifty-five percent of the total suspended solids and a reduction of not less than thirty-five percent of the bio-chemical oxygen demand. (It is the intent of this requirement to restore the dissolved oxygen content of the river water in this zone to at least fifty percent saturation. To accomplish this, it may be necessary in the case of certain wastes to obtain reductions greater than those required under this item.)

In zone 4 such effluent shall show a reduction of at least fifty-five percent of the total suspended solids and shall be subject to such further treatment as may be needed to prevent a nuisance.

Such effluent, if it be discharged within prejudicial influence of a public water works intake, or of recreational areas, or of shell fish grounds, shall at all times be effectively treated with a germicide, except that in the case of recreational area influence, such treatment need not be provided during the period from October 15 to May 15 of each year.

Due to the many variable factors involved, however, and to the impossibility of forecasting future developments with certainty, it may be necessary in the future to impose additional requirements, particularly in Zones 2 and 3. It is understood that the various States have agreed to enact adequate legislation to make the agreement effective, if necessary.

John W. Weber, jr., vice-president of the International Paint Company, Union, N. J., will be wed in October to Mrs. Elsie Schreiber Carter, Brooklyn.

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Paint, Varnish, Lacquer Materials

White Lead Advanced as Metal Rises Further—Natural Resin Prices Turn—Deliveries for Consumption Increase Slightly, But Interest Heightens—May Paint Sales

White lead prices were advanced ¾c. per pound. The new price takes effect tomorrow, July 12. The move followed another boost of $3 per ton in pig lead on Wednesday. The current movement in lead prices has raised the cost of the metal $18 per ton or 22½ percent higher than it was three weeks ago. Wednesday's metal boost also increased the car lot prices for dry red lead and litharge but was not sufficient to move the l.c.l. or so-called card prices for these oxides.

Up to the moment of this writing the producers of leaded zinc oxides had not followed the white lead change with an increase in the leaded zinc pigments.

The increase in white lead prices has little immediate importance as the producers were already committed at the lower prices for the third quarter of the year, having booked contracts for that period just before the metal market turned upwards.

While there has been a small increase in deliveries of paint material for consumption over the past ten days, a marked improvement in buying interest has taken place and it was evident that the buyers were ready to cover if rising position of world commodity values is extended.

There was a welcome turn in the position of the natural gum markets abroad and a long, unbroken series of price declines was halted last week when two gradings of black East India gum were advanced for the first upward move in the market in months.

Rosin and turpentine were quieter in Southern and local markets last week. The export inquiry for rosin was much lighter than in the previous period and purchasing by domestic consumers was apparently limited as a rule to unimportant quantities. Daily offerings in Southern markets were light, however, and the prevailing tone was steady or firm, changes in prices being narrow.

May sales of paint, varnish, lacquer and fillers were far below last May but the late rush of dealer business in the final ten days of that month was evidently responsible for an increase of almost $2,000,000 over April whereas May, 1937, sales were smaller than May last year. The May, 1938, total reported to the Bureau of Census by 680 establishments was $36,827,421 against $34,831,597 in April while the May 1937 total was $45,254,635 against $46,345,474 in April, 1937. Total sales for the first five months of this year were $147,029,009 against $193,402,448 in the same months of 1937. The 580 establishments who classify their sales reports showed $22,900,709 in trade sales in May against $20,861,998 in April and $24,206,972 in May, 1937, and, industrial sales of $10,135,607 in May against $10,392,797 in April was $16,785,249 in May last year. Plastic paints sold in May were 576,041 pounds against 578,469 pounds in April and 597,684 pounds in May last year. Calcimines sold in May totaled 6,972,494 pounds against 7,348,551 pounds in April and 3,633,415 pounds in May last year. The casein bound paints continued their extraordinary performance holding the value of cold water paints sold in May up to $414,812 against $473,425 in April and $324,122 in May last year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, E.I., black bold unscraped, ⅝c. per lb.
nubs and chips, ¾c. per lb.
Lead, metal, $3 per ton.
red, c.l., 0.15c. per lb.
white, dry, ¾c. per lb.
Litharge, c.l., 0.15c. per lb.
Rosin, gum, 5c. to 20c. per 280 lbs.

Reduced

Phosphotungstic toners, 25c. to 30c. per lb.
Turpentine, gum, ¼c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	**129.3**	**130.4**	**133.4**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Lead prices advanced again last week. A $3 per ton increase in the price on Wednesday placed the market at 4.90c. to 4.95c. per pound in New York and 4.75c. per pound at East St. Louis. Including Wednesday's rise, the market has advanced $18 per ton in the present movement, which started in the latter part of June. Although much of the heavy demands were regarded as speculative, consumers covered as far ahead as the sellers would book, with considerable business placed for August. London held a substantial gain over the preceding week's prices, but the market moved off sharply on Friday. London's off movement, however, did not weaken the American price.

Zinc did not join with the lead advance last week. The metal was well bought at 4.75c. per pound, basis East St. Louis. June output was 30,799 tons, against 37,510 tons in May and 50,526 tons in June last year, according to the American Zinc Institute. June shipments totaled 29,248 tons, against 24,628 tons in May and 50,219 tons in June last year. End of month stocks were 149,671 tons in June, against 148,120 tons in May and 14,081 tons in June last year.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from July 2 to July 8, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0475@.0480	$0.0460	.. .. ..
Monday	*.....@.....	*.....	15 5 0
Tuesday	.0475@.0480	.0460	15 2 6
Wednesday	.0490@.0495	.0475	15 1 3
Thursday	.0490@.0495	.0475	15 7 6
Friday	.0490@.0495	.0485	14 16 3

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from July 2 to July 8, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0515	$0.0475	.. .. ..
Monday	*.....	*.....	14 10 0
Tuesday	.0515	.0475	14 6 3
Wednesday	.0515	.0475	14 2 6
Thursday	.0515	.0475	14 6 3
Friday	.0515	.0475	13 15 0

* Holiday.

Pigments

Following Wednesday's lead price boost, the corroders of white lead advanced the price of carbonate and sulphate of lead ¾c. per pound. The advance is to take effect tomorrow, July 12.

The advance was motivated by an increase of 22½ percent in the cost of metallic lead over the past three weeks. Producers of white lead, however, are committed at low prices for the third quarter of the year, having booked business for that period just a few days before the metal markets started upward. Car lots of red lead and litharge were advanced in price following the boost in the metal on Wednesday.

White Lead—The prices were advanced ¾c. per pound to take effect July 12. The new schedule for white lead sulphate and blue lead is as follows: — Delivered Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo., 6¼c. per pound in car lots and 6½c. per pound in l.c.l.; delivered elsewhere, 6c. per pound in car lots and 6¼c. per pound l.c.l. The new schedule for lead carbonate is as follows:—Delivered Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo., 7c. per pound in car lots and 7¼c. per pound l.c.l.; delivered elsewhere 6¾c. per pound in car lots and 7c. per pound l.c.l.

Red Lead.—Car lot prices advanced

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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Methyl Acetate
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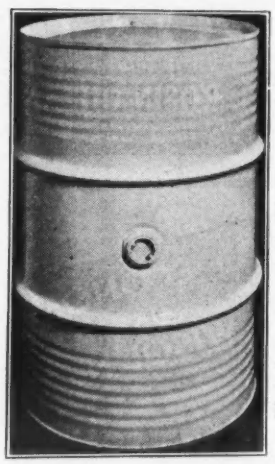

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Our years of experience in manufacturing steel drums for the chemical industry have enabled us to establish a reputation among discriminating drum users for dependable, trouble-free containers.

If your product is one that requires absolutely clean and odorless drum interiors you will find MANION drums superior for the following reasons:

Sheets used are special hot rolled, continuous mill sheets with tight protective oxide which positively will not flake or smudge and is not easily susceptible to rusting.

Special care used in manufacturing to guard against contamination from oil, grease, cutting compounds, scale or other objectionable matter.

Each drum carefully inspected inside and outside before shipment.

Your inquiries will receive our prompt attention.

MANION STEEL BARREL CO.
OIL CITY, PA.

0.15c. per pound on Wednesday following a $3 per ton boost in the metal market. The pig lead rise was not broad enough to move the l.c.l. prices; another $2 per ton increase in metal costs however, would send the card prices up another ¼c. per pound. Including Wednesday's advance, car lot prices are now 9/10c. higher than they were in the middle of last month. The current car lot price for material testing 95 percent or less Pb_3O_4 is 7.40c. per pound delivered except in Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and East of the Cascades in Ore., and Wash., where the price is 7.65c. per pound. The 97 percent product is ¼c. per pound additional and 98 percent is ½c. per pound additional.

Litharge.—The pig lead boost sent the car lot price for this oxide to 6.40c. per pound delivered except in Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and east of the Cascades in Ore., and Wash., where the price is 6.65c. per pound. These prices were 0.15c. per pound higher than a week ago and are now 9/10c. per pound above their level at this time a month ago. The increase in metal costs was not sufficient to move the card prices last week.

Lithopone.—Most of the orders that reach the Eastern manufacturing plants are for rush delivery, indicating that the buyers have little or no stock on hand. Buying orders against contracts have been a little more numerous this month but there has been no improvement in the size of individual orders. Prices held steady.

Titanium Pigments. — Actual sales have not broadened since the drop in prices last month. However, the general buying attitude is more cheerful and if the current spurt in commodity market activity continues, consumption demands for these pigments might liven.

Zinc Oxides.—Up to the time of this writing, the producers of leaded zinc oxides had not made any change in prices. As a result of the ¾c. per pound increase in white lead prices which becomes effective tomorrow, it was thought that prices for the leaded zincs would also advance.

Fillers and Extenders

Mineral whites, extender products and inert pigments were not favored with much of an increase in buying last week. Some increases in tonnage were reported but the general improvement was small. However, buyers were reported to be keeping close to the market with a willingness to cover in the event of any increase in prices.

Talc.—Domestic qualities held an unchanged price position. The rubber trade's purchases continued very small and the paint trade's interest in the fibrous quantity was also rather light.

Dry Colors

As reported in the late market summary of last week's issue, prices for phosphotungstic toners were lowered but otherwise the position of the color market tended toward the stronger side. Chrome colors were given additional fundamental strength by the boost in the lead market on Wednesday. Earth colors were steady in price and have not been altered for some time back. Some of the larger color users were in the market for supplies last week but the general improvement in purchasing has been very small during the past two weeks.

Carbon Black.—Under ordinary market conditions last week's improvement in shipment would hardly be noticed but these days an extra few cars of material ordered by a few of the tire producers gave the sellers a little more encouragement.

Chrome Colors.—The continual increase in lead costs have given the yellows and greens a stronger appearance. Lead costs are almost a full cent per pound higher than they were at this time a month ago.

Indian Red. — There has been no change in the price for some time. The demands have shown a slight improvement over the past few weeks but the market was still regarded as being slow.

Phosphotungstic Toners.—As reported in the late market summary of last week's issue, rhodamine Y red was lowered 25c. per pound to the basis of $3.90 per pound. Tungstated Victoria blue was off 25c. per pound to the basis of $3.25 per pound, marking the second reduction in that item in as many weeks. Tungstated peacock blue was also marked down 25c. per pound to the basis of $3.75 per pound. Brilliant green was lowered 25c. to $3.50 per pound and tungstated emerald was off 30c. to $2.35 per pound.

Umber.—From time to time reports have been published concerning deposits of mineral earth pigments in the Union of South Africa. Red oxide of iron, ochers, siennas, and umber deposits have been located. While these products have not reached any large volume in the commercial trade, they are nevertheless utilized for domestic consumption. Some time ago umber was reported found near Krugersdorp, Transvaal, and recently a new deposit was located near Pretoria. The new deposit is reported to be of good quality, and the minimum area of the deposit covers about 232 acres according to the American consul in Johannesburg.

Varnish Gums

The first advances in replacement market prices for natural gums in many months took place last week. East India bold black unscraped, and, black nubs and chips were the gradings that advanced and marked the turn in the market after a long series of price declines. As reported a week ago, the improved position of world commodity markets has stiffened the gum markets abroad but there has not been much evidence of increased buying for consumption.

Copals.—Replacement market prices for bold black unscraped East India gum were advanced ⅜c. per pound last week to the basis of 4⅝c. per pound for straight or mixed cars. The price for black nubs and chips also advanced ⅜c. per pound to the basis of 4⅝c. per pound. Usual differentials for smaller quantities were in force.

Dammars.—Foreign markets were unchanged but the absence of any further declines in price suggests that the influence of price appreciation in other commodities has made itself felt.

Synthetic Resins

While some sellers were able to point to a small increase in business during the past week, others reported no change in the rate of ordering. Automobile production has not improved to a point where the makers of automotive finishes needed additional quantities of gum. The price continued at the recently reduced level which was based at 6¾c. per pound for large lots.

Naval Stores

Quieter conditions prevailed in Southern and local markets for rosin and turpentine last week. The inquiry from the Far East for rosin showed a marked decrease and fewer calls were received from other quarters although there were reports of occasional inquiries from South American buyers. A fair movement of rosin and turpentine from southern points to domestic interests on contracts was noted but new business was apparently rather quiet much of the time although talk was again heard to the effect that consumption of rosin in some fields has latterly increased and that the use of turpentine in construction and painting operations in various parts of the country has expanded in recent weeks.

Receipts in seaboard markets continued liberal but as in preceding weeks daily offerings of both rosin and turpentine were light much of the time as the bulk of the material arriving from the interior was still being placed in storage under the government loan. Up to the close of June about 84,350 barrels of turpentine and 276,000 barrels and 43,600 drums of rosin had been placed in storage making an aggregate loan value of nearly $4,500,000. Nothing definite was heard concerning the result of efforts started some time back to have the government loan increased but some in the trade contend that an official announcement in this connection will probably be made in the not distant future and that it will be of a favorable character although there are others who do not share in this view.

According to official statistics, exports of gum rosin during May were 49,793 barrels; wood 28,017 barrels. Gum turpentine exports 974,793 gallons; wood 107,164 gallons. Pine oil exports 78,383 gallons.

Turpentine.—The local market was a rather quiet affair last week. In some quarters a fair inquiry was noted but purchases were generally limited to comparatively small or moderate quantities, consumers and dealers being disinclined to anticipate. Price movements were narrow in company with developments in southern centers where the prevailing tone was steady or firm. Receipts were liberal but offerings in primary markets were light.

SAVANNAH, July 8.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday	..	...	...	...	.....
*Monday	..	...	...	...	.....
Tuesday	23	37	541	100	38,707
Wednesday	22¾	11	877	3,176	36,408
Thursday	22¾	7	1,416	...	37,824
Friday	22¾	12	389	...	38,213

* Holidays.

JACKSONVILLE, July 8.—A steady tone prevailed in the turpentine market. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday	..	...	...	...	.....
*Monday	..	...	...	...	.....
Tuesday	23¼	20	561	2	23,366
Wednesday	23	14	267	...	23,633
Thursday	23	4	522	1	24,154
Friday	23	6	391	1	24,544

* Holidays.

PENSACOLA, July 2.—Turpentine receipts continued liberal. Following is a record of the market for the week:—

	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Monday	183	346	27,164
Tuesday	175	148	27,191
Wednesday	425	91	27,525
Thursday	210	25	27,710
Friday	189	...	27,899
Saturday	179	82	27,996

CHICAGO, July 8.—Most purchases of turpentine are in limited lots. Ruling prices at the close of business last night were: Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, July 8.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	32	0
Monday	32	0
Tuesday	32	0
Wednesday	32	0
Thursday	32	0
Friday	32	0

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PURE CHROMIUM OXIDES are STRONG - INERT - PERMANENT

C. K. WILLIAMS & COMPANY
EASTON-PENNSYLVANIA

Stocks of American turpentine in London were:—

	July 8.	Previous week.	Last year.
Barrels	24,435	25,350	14.348

Rosin.—Changes in local rosin quotations were narrow last week in the absence of wide variations in prices in Southern markets where offerings remained light despite a continuation of liberal receipts. Business here was quieter, purchasing generally being limited to comparatively small or moderate quantities to fill the current needs of consumers and dealers. The export inquiry in the South was reported much lighter than in the previous week.

SAVANNAH, July 8.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted				
	*Sat.	*Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	...	$3.40	$3.40	$3.40	$3.40
D	...	...	3.65	3.65	3.65	3.65
E	...	...	4.00	4.00	4.00	4.00
F	...	...	4.40	4.40	4.45	4.45
G	...	...	4.80	4.80	4.95	4.95
H	...	...	4.80	4.90	4.95	4.95
I	...	...	4.80	4.90	4.95	4.95
K	...	...	4.80	4.90	4.95	4.95
M	...	...	4.80	4.92½	4.95	4.95
N	...	...	5.42½	5.47½	5.50	5.50
WG	...	...	5.90	5.95	6.00	6.00
WW	...	...	6.37½	6.37½	6.40	6.40
X	...	...	6.37½	6.37½	6.40	6.40

	Barrels			
Sales	186	291	369	285
Receipts	1,958	3,712	3,183	2,187
Shipments	390	4,927	200	...
Stocks	160,558	159,342	162,328	164,513

* Holidays.

JACKSONVILLE, July 8.—The rosin market had a firm undertone. Offerings remained light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	*Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	...	$3.40	$3.40	$3.40	$3.40
D	...	...	3.65	3.65	3.80	3.75
E	...	...	4.00	4.00	4.10	4.00
F	...	...	4.30	4.45	4.50	4.45
G	...	...	4.80	4.80	4.82½	4.75
H	...	...	4.80	4.80	4.82½	4.75
I	...	...	4.80	4.80	4.82½	4.75
K	...	...	4.80	4.82½	4.85	4.77½
M	...	...	4.80	4.85	4.87½	4.80
N	...	...	5.42½	5.45	5.45	5.40
WG	...	...	5.90	5.95	5.95	5.90
WW	...	...	6.37½	6.40	6.40	6.35
X	...	...	6.37½	6.40	6.40	6.35

	Barrels			
Sales	510	473	804	1,148
Receipts	1,935	1,348	1,918	1,754
Shipments	1,004	...	2,336	348
Stocks	136,219	137,567	137,149	138,595

* Holidays.

PENSACOLA, July 2.—The rosin market was steady. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	577	596	960	459	432	493
Shipments	100	100	...	...	724	400
Stocks	33,503	33,999	34,595	35,418	35,126	35,219

CHICAGO, July 8.—Rosin is attracting little interest and the buying is not very heavy. Ruling prices at the close of business last night were:—B grade, $6.40 per lot of 280 pounds; G grade, $7.80; M grade, $7.82½; W.W. grade, $9.37½.

LONDON, July 8.—Quotations on American rosin were as follows:—

	Per cwt. in barrels			
	Common.		W.W.	
	s.	d.	s.	d.
Saturday	13	10½	18	0
Monday	14	0	18	3
Tuesday	14	0	18	3
Wednesday	14	0	18	3
Thursday	14	0	18	3
Friday	14	0	18	3

Pine Oil.—A steady tone continued to prevail in the local market. There were reports of a somewhat better inquiry from local and other consumers.

Pitch. — Quotations were generally held at the levels prevailing in the previous week and the tone of the market appeared to be firm. There was a fair demand.

Rosin Oil.—Consumers were disposed to adhere to a conservative course in making purchases but some increase was noted in the call for moderate lots. The market was steady.

Tar.—The market retained a steady tone. There was a fair movement into consuming channels on contracts and transient orders.

Shellac

Calcutta and London showed substantial advances early last week turned easier, and then resumed the rise. The local shellac market gained considerably in strength. The higher prices established locally in the previous trading period were well maintained and there was added tendency toward further rise if the foreign situation continues to develop along present lines. Demand in this market showed some improvement, though within conservative limits. Deliveries against contracts gained some, and new inquiries were slightly more numerous. On the whole, the market undertone was very steady and values generally were well maintained in all directions.

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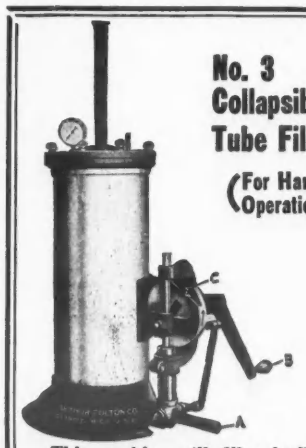
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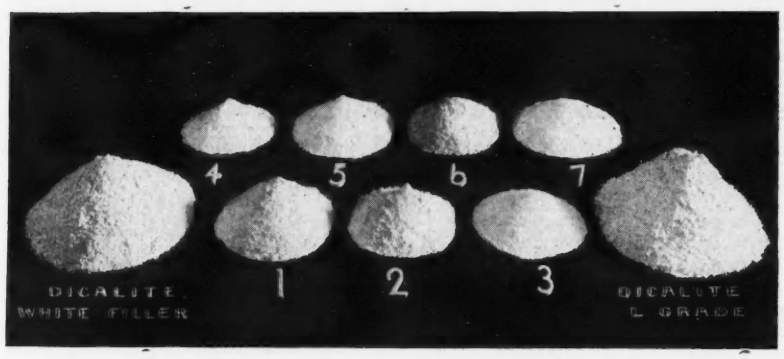

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PRODUCTS OF UNIFORM SUPERIOR PERFORMANCE

Calcutta, July 8.—Shellac quotations on the landed New York basis, ex dock net cash, were as follows:—

	Per pound— July 8.	July 1.
July	11¼c.	10c.

Day-to-day quotations were as follows:—

	Per pound.
July 1	10c.
July 2*	..
July 4†	..
July 5	11⅛c.
July 6	11⅛c.
July 7	11c.
July 8	11¼c.

* No cables.
† Holiday.

London, July 8.—Prices quoted on London standard T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	July 8. Shillings. Cwt.	Cents. lb.	July 1. Shillings. Cwt.	Cents. lb.
August	40	8.7	37½	8.2
October	41	8.9	38¾	8.4

Day-to-day closing prices were as follows:—

	Per hundredweight— August.	October.
July 1	37s. 9d.	38s. 9d.
July 2*	.. ..	.. ..
July 4†	.. ..	.. ..
July 5	39s.	39s. 9d.
July 6	38s. 6d.	39s.
July 7	39s. 3d.	40s. 3d.
July 8	40s.	41s.

* No cables.
† Holiday.

Lacquer Materials

The market for various lacquer materials and solvents moved through a quiet week. Price schedules in practically every instance were steady to firm. Automotive production continued at seasonally low levels, and not a great deal of acceleration was anticipated until after the usual shutdowns are over with, and production commences on the new models. Strengthening of security prices during the past few weeks has already been reflected in automobile sales, and this may have a tendency to keep production levels at current rates until the Summer shut-down period. Large consumers of acetone were apparently marking time, and the market was a routine affair. Ethyl acetate was in fair demand. Butyl acetate, dibutyl phthalate and film scrap were quiet. Tricresyl phosphate continued spotty.

Acetone. — With large consumers apparently marking time, the market drifted through another routine week, with little interest displayed beyond moderate commitments for nearby requirements. Prices were without alteration. May exports aggregated 822,139 pounds, valued at $48,091.

Butyl Acetate. — Business was still along quiet lines, with commitments held to minimum proportions in most instances. Quotations ruled unchanged. May exports totaled 483,411 pounds, valued at $47,189.

Ethyl Acetate. — Interest in the market was described as only fair, seasonal dullness in major consuming industries were restricting commitments to some extent. No change was uncovered in the quotations.

Film Scrap. — Quiet continued to characterize dealings in this direction, and quotations were in line with those established recently.

Tricresyl Phosphate. — The call continued spotty, and confined to small quantities in the majority of cases. Prices were in conformity with the previous period.

Driers

Delivery orders against the new contracts that went into effect this month have been slow but sellers reported some instances where shipping instructions involved a little more than usual amounts. Prices continued in a very steady position.

Glues and Binders

Casein.—The domestic product held at 8c. per pound for 20-30 mesh and 8½c. per pound for the 80-100 mesh grinding, both in carload lots, delivered. There was a slightly better buying movement and a good deal of inquiry. The latter suggests that buyers were keeping close to the market with a disposition to cover for investment if the prices are advanced.

Glues. — Some additional purchasing was reported. Much of the interest in the market at this time was for investment against the possibility of higher prices. There has been little improvement in actual deliveries for consumption. Leather prices were increased last week and hides were quite strong. Sellers indicated that if present trends continued for another week or so, higher prices for glue would likely be seen.

Ligro Indusoil

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INDUSOIL

Excellent as a blend with red oil for textile soaps. Can be used with red oil for other applications, including cutting oils, drawing compounds, soluble oils, pine scrubs, etc.
A blend of refined fatty acids with the following standard specifications as of May 16, 1938:

Acid Number	170-180	Rosin Acids (Calculated)	34-38%
Saponification Number	170-185	Sterols (Calculated)	6-10%
Rosin Number	60-67	Specific Gravity at 60°F	.96 to .98
Moisture Less Than	.1%	Viscosity (Saybolt Univ.)—	
Ash Less Than	.1%	at 100°F	300-400 sec.
Color Not More Than	70 Yellow	at 210°F	50-70 sec.
Color Not More Than	40 Red	Flash Point	350-380°F
Using Lovibond Colorimeter Half Column		Fire Point	410-430°F
Fatty Acids (Calculated)	55-60%	Other specifications special and must be indicated on order.	

LIQRO

A blend of crude pine fatty acids with the following specifications:

Acid Number	150-160	Fatty Acids	45 to 55%
Rosin Acid Number	76-82	Sterols	6 to 10%
		Rosin Acids	40 to 45%

Liqro is available in large quantities both from our Covington, Va., mill and our new mill at Charleston, S. C.
Indicated uses are for asphalt emulsions, cutting oils, low-priced soaps, and many other applications where a low-price fat is a requirement.
Present prices on contract F.O.B. Charleston, S. C.:
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Color Lakes and Toners Output: 1937

The United States production and sales of organic lakes, toners, pulp colors, flushed in oil and varnish in 1937, as reported by the Tariff Commission, follow:—

	Production. Pounds.	Sales— Pounds.	Value.	Unit value.
Lakes and Extended Colors				
Alizarin	137,892	119,856	145,414	$1.21
Azo bordeaux	333,405	293,028	77,867	.27
Black	78,573	66,357	34,790	.52
Blue	290,993	155,784	83,223	.53
Brown	41,030	.....	.....	..
Eosine and phloxine	140,040	129,922	110,112	.85
Fast light yellow	157,876	49,044	36,035	.73
Green	321,366	211,175	107,634	.51
Helio fast rubine	47,381	25,282	42,130	1.67
Lithol rubine and maroon	877,233	877,497	226,651	.26
Methyl violet	147,688	140,651	72,254	.51
Naphthol yellow	29,001	28,682	19,904	.69
Orange	221,157	135,409	38,147	.28
Peacock blue	1,503,011	1,155,017	640,335	.55
Persian orange	459,454	293,483	118,055	.40
Phosphomolybdic acid lakes	35,009	11,410	11,925	1.05
Phosphotungstic acid lakes—				
Blue	493,314	484,207	389,036	.80
Green	208,538	200,933	124,847	.62
Purple	28,082	30,231	31,565	1.04
Red	147,257	125,822	65,649	.52
All other	5,824	1,473	2,264	1.54
Pigment scarlet	431,085	188,547	124,730	.66
Quinoline yellow	22,345	24,265	17,985	.74
Red	330,261	301,276	134,625	.45
Scarlet 2R	737,105	648,958	185,166	.29
Tartrazine	223,152	200,850	115,592	.58
Violet	23,008	16,364	7,736	.47
Yellow	210,982	111,377	33,780	.30
All other organic lakes and extended colors	104,252	57,620	20,945	.36
Totals	7,786,314	6,084,520	$3,018,396	$0.50
Toners or Full Strength Colors				
Alkali blue	645,207	629,045	682,035	1.08
Eosine and phloxine	394,178	265,388	319,329	1.55
Hansa yellow	198,839	147,518	194,974	1.32
Red C and red D	530,582	468,289	423,523	.90
Lithol	2,450,644	2,310,822	1,528,214	.66
Lithol rubine	100,953	86,722	98,665	1.14
Maroon	352,033	347,268	791,589	2.28
Methyl violet	182,360	152,330	187,959	1.23
Orange	40,028	37,082	32,942	.89
Para red	1,200,469	1,065,733	799,175	.75
Permanent orange	106,143	105,776	87,046	.82
Phosphomolybdic acid toners	45,810	26,493	56,957	2.15
Phosphotungstic acid toners—				
Blue	140,426	125,852	432,721	3.44
Green	118,772	107,647	292,551	2.72
Purple	84,352	79,050	137,016	1.73
Red	97,325	94,401	120,177	1.27
Red	282,280	275,826	282,769	1.03
Toluidine red	923,327	790,022	1,058,957	1.34
All other organic toners	54,840	47,620	91,638	1.92
Totals	7,948,568	7,102,884	$7,618,237	$1.07
Reduced Toners				
Lithol	362,749	352,124	135,874	.39
Para red	592,849	486,669	77,963	.16
Red C and red D	77,148	70,001	40,428	.58
Toluidine red	260,548	215,845	74,918	.35
All other reduced toners	147,735	71,357	72,983	1.02
Totals	1,441,029	1,195,996	$402,166	$0.34

Metal Powders and Leaf

Producers of aluminum powders and pastes were also favored with a small improvement in business. Prices have been fairly steady.

N.Y. Production Club Had Outing June 25

Using a spoon on the 190-yard sixth hole, Harold A. Wakefield, of the Imperial Paper & Color Corporation, holed his tee shot for an ace to feature the golf tournament held at the annual outing of the New York Paint and Varnish Production Club at Briarcliff Lodge, Briarcliff Manor, N. Y., June 25. Mr. Wakefield was awarded a fitted bag as a special prize for his hole-in-one. Other prize winners in a kickers' handicap included Daniel Becker, of Reichard-Coulston, Inc.; C. R. Given, of the Bakelite Corporation; R. V. Hoffman, of Henry V. Walker Company; Carl Frey, of the Devoe & Raynolds Co., Inc.; T. C. Cowen, of Baer Brothers; C. A. Aloia, of General Printing Ink Corporation, and Ray Corcoran, of the United Color & Pigment Company. The tennis prize was taken by Harold Aldrich, of the United Color & Pigment Corporation, and the runner-up was Walter R. Surgeon, of Sigmund Ulman & Co.

The day's festivities began with a softball game between nines representing the New York and New Jersey members of the club. The New Yorkers, who were captained by J. A. Frederickson, of John W. Masury & Son, managed to squeeze out a 26-1 victory over the New Jersey team, which was captained by Robert D. Bonney, of Congoleum-Nairn, Inc. Airtight pitching by "Vandermeer" Bonney and by relief hurler S. Montsier, Jr., of the Murphy Varnish Company, held the New Yorkers to a scant 26 runs in seven innings while their New Jersey mates fanned the morning air hard to pile up the grand sum of one marker.

Approximately 135 members and guests were on hand to participate in the day's events, which also included swimming, riding, badminton, pingpong, and handball. Jack Redmond, celebrated professional trick-shot golfer, gave an exhibition. After the evening dinner, a lucky number sweepstakes was held and prizes distributed.

Plastic, Coldwater Paint Calcimine Sales Gain

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of Census for May, 1938, were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein-bound	138,991	$16,907
All other	18,481	1,871
Dry, casein-bound	281,932	20,069
glue-bound	136,637	6,494
Totals	576,041	$45,341

Cold-Water Paints

	Pounds.	Value.
Exterior, lime or cement-bound	956,905	$71,809
casein-bound	480,176	24,864
Interior, casein-bound, paste form	182,884*	230,499
dry powder form	1,055,405	76,552
glue-bound	392,356	11,088
Totals	.....	$414,812

* Gallons.

Calcimines

	Pounds.	Value.
Hot water	3,847,804	$156,813
Cold water	3,124,690	129,504
Totals	6,972,494	$286,317

Sales of these products for the first five months of the year compared with those in the corresponding period of 1937 were as follows:—

		1938.†	1937.
Plastic paints	lbs.	2,701,042	3,004,653
	value.	$200,149	$219,081
Cold-water paints	value.	$1,977,538	$1,393,100
Calcimines	lbs.	33,981,824	38,909,212
	value.	$1,405,384	$1,653,998

† Data previously published for January-April have been revised.

United Color Changes Name

The name of the United Color & Pigment Company, Newark, N. J., has been changed to the United Color & Pigment Company Division of Interchemical Corporation. There has been no change in the company's management or policies. The United Color Company has been a subsidiary of the Interchemical Corporation, this city, for some time.

Oils, Fats, and Waxes

Cottonseed Oil Futures Active and Higher on Small Crop Estimates —Chinawood Oil Firm Though Quieter—Further Decline in Refined Fish Oils—Tallow Offerings Light

A firm tone prevailed in miscellaneous oils, fats and greases last week, especially during the latter part of the period when cottonseed oil futures displayed noteworthy strength, mainly as a result of bullish reports concerning the prospects for the new cotton crop. One estimate issued during the week pointed to a yield of less than 10,000,000 bales as compared with the final official estimate last season of not far from 19,000,000 bales. Business in all branches of the market showed improvement and while purchasing was generally along conservative lines, prevailing sentiment in trade circles late in the week was more optimistic than in recent preceding periods.

Chinawood oil was quieter but there was no material change in the situation abroad and the tone of domestic markets remained firm. Coconut oil was firm in company with competing product. Higher prices were quoted for denatured olive oil, spot stocks having diminished. Menhaden and sardine oils were easier, quotations again being reduced moderately by refiners. Primary markets for crude fish oils were quiet. Animal oils were generally firm with reports of a fair movement of small or moderate quantities. Stearin was firmer, sales being reported at an advance. A fair movement of lard on export orders was noted but domestic trade was reported as quiet. Tallow offerings continued light.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, drums, ¼c. per lb.
Coconut oil, Coast, ½c. per lb.
Lard, Western, 10c. to 25c. per 100 lbs.
Lard oil, prime edible, ¼c. per lb.
Oleo oil, No. 1, ¼c. per lb.
Olive oil, 2c. per gal.
Stearin, ½c. per lb.

Reduced

Menhaden oil, refined, 2-10c. per lb.
Sardine oil, refined, 2-10c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
105.5	**105.4**	**103.6**	**136.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—Local and Pacific Coast markets were quieter last week but the tone remained firm much of the time in the absence of any material change in conditions prevailing in the Far East. At one time prices abroad were reported as a shade easier and at another as slightly firmer, but there was not sufficient change in the primary situation to bring about any material revision of ideas among domestic sellers as to values of spot oil. Business was reported to have been closed at from 11.4c. to 11.6c. per pound in tankcars but the transactions apparently did not involve important quantities.

Coconut.—Domestic markets for crude oil displayed firmness last week, the tone being influenced by recent strengthening developments in competing products which more than offset the lack of any demand of importance, consumers and dealers being disposed to hold off and await further developments after making purchases recently on a somewhat larger scale. On the Coast offerings of copra and oil were reported as light and business in oil was said to have been closed there at an advance of ⅛c. per pound. Refined oil was in fair demand here and steady.

Corn.—The market for crude oil was firmer, this being a reflection to some extent of an upward trend at times recently in competing products. There was a somewhat better inquiry. Offerings continued light.

Cottonseed.—Domestic edible oil was firmer though prices lacked quotable change. There was a somewhat better inquiry.

Oiticica.—The market retained a firm tone in the absence of any material change in the position of chinawood oil. Offerings continued to be reported as light.

Olive.—Denatured oil was firmer, influenced by an increase in the inquiry. Spot stocks in some quarters appeared to have diminished and prices were advanced 2c. to 3c. per gallon. Foots met with a fair inquiry and the market was firm.

Peanut.—Crude oil was reported as firm in all sections, the tone being influenced by the strength of competing product.

There was no trading in shelled peanut futures on the New York Produce Exchange from July 2 to July 8, inclusive. Following is a price record of the week:—

	Cents per pound		
	High.	Low.	Close.
July	...	...	5.60@6.00
October	...	...	5.50@5.85

Perilla.—Demand was lighter but there was no increase in offerings on spot or for arrival and the market remained firm at previous levels.

Teaseed.—Spot stocks appeared to have diminished and the market was firm at the recent advance although demand was less active.

Markets at Other Centers

Chicago, July 8.—The vegetable oil markets have quieted down a bit since their recent showing of strength and are now irregular.

COCONUT.—Coast basis, tanks, July-forward, 3c. to 3⅛c. per pound. Refined, edible oil, 9c. to 9¼c. per pound, barrels, car lots; and 9½c. to 9¾c., barrels, less than car lots.

CORN.—Crude, low acid, 7⅛c. to 7⅜c. per pound, partly nominal. Refined, edible oil, 9½c. to 10c. per pound, barrels, car lots; and 10c. to 10½c., barrels, less than car lots.

SOYBEAN.—Crude, mills, 5⅝c. to 5⅞c. per pound.

CHINAWOOD.—Ruling nominal, 12.7c. to 12.8c. per pound, prompt; and 11.7c. to 11.8c., deferred.

PEANUT.—Crude, 7¼c. to 7½c. per pound.

The market for soybeans on the Chicago Board of Trade was quieter, speculative and cash transactions being on a smaller scale than in the previous period. Traders were disposed in some cases to hold off for further developments in grain. Conflicting reports concerning the probable size of soybean production during the new season also had a tendency to make operators adhere to a waiting policy. Offerings were generally light. Prices were irregular in company with grain. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing July 8.	Closing July 1.
Cash, No. 3..	$0.92¾	$0.90¾	$0.91	....
July	.90½	.89¼	.87½	$0.90¼
October	.85¼	.82¾	.83¾	.85½
December	.85½	.82⅝	.83¾	.85¼

London, June 25.—Soybean oil, crude, 23s. 6d. per cwt.; rapeseed, crude, 31s. 3d.; palm kernel, refined, English, 24s. 3d.; peanut, Bombay, 21s. 9d.; sardine, Japanese, 15s. 3d.; whale, crude, Rotterdam, 13s. 9d.

San Francisco, July 5.—Prices of vegetable oils leveled off and some of them took fractional declines in this market last week while trade remained moderate. A good undertone appeared to be ruling the market.

COCONUT.—Crude, quoted 3c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery in nearby positions, and 3⅛c. for future shipment.

CHINAWOOD.—Sales were noted during the week at below 11c. in tankcars, f.o.b. San Francisco, after which sellers posted 11¼c. The market was fairly active most of the time.

BABASSU.—Quoted 6c. per pound in tankcars, f.o.b. mills, Pacific Coast, for July/September shipment.

COTTONSEED.—Japanese semi-refined oil quoted at 7.80c. per pound in tankcars, duty paid, f.o.b. San Francisco, for shipment out of spot stocks. Brazilian oil quoted for shipment from source on the basis of 7.75c. to 7.80c. per pound in tankcars, f.o.b. San Francisco. Trading in the latter has been reported as active.

TEASEED.—Quoted nominally 7¼c. per pound in tankcars, f.o.b. Pacific Coast ports, with supplies light.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Linseed Oil

Trading in flaxseed in domestic markets continued on a small scale. Changes in foreign quotations moderate. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, July 8.—The local flax futures market continues to be virtually lifeless. Crop prospects in the Northwest have been reduced somewhat by dry weather, but no serious complaints have been made to date.

The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.78	$1.78	$1.78
*Monday	...	...	...
Tuesday	1.78	1.78	1.78
Wednesday	1.78	1.78	1.78
Thursday	1.78	1.78	1.78
Friday	1.78	1.78	1.78

* Holiday.

Crop movement in bushels follows:—

	Receipts		Shipments	
	1938.	1937.	1938.	1937.
This week..	5,726	4,372	....	3,000
Since Aug. 1...	941,248	968,978	1,214,731	2,095,881

MINNEAPOLIS, July 8.—Demand for cash flax locally continued good and prices ruled firm compared with futures. The trading basis was changed to September futures Tuesday. Crushers bought a few cars of the better type for immediate pressing but in the main took receipts for storage and application on September contracts. So far only 3,000 bushels have been tendered on July contracts. During the last few days of June the changeover from July to September futures was heavy. Flax delivered on May contracts as yet is held in store and has not been moved. Local elevator stocks increased 5,000 bushels in four days compared with an increase of 5,000 in the same period a year ago. Crop news is mostly all favorable and farmers anticipate several more bushels to the acre than obtained last season. Plants are vigorous, tall and well developed generally. A large share of the crop has passed the blossom stage. Today's reports indicated a grasshopper invasion of parts of North Dakota by hoppers originating in South Dakota, where considerable damage has been done.

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The week's closing price range was as follows:—

	Cash.	July.	Sept.
Saturday	$1.84	$1.80	$1.80½
*Monday	...	...	...
Tuesday	1.83½	1.80	1.79½
Wednesday	1.84½	1.79¾	1.80½
Thursday	1.84	1.80	1.80
Friday	1.83½	1.79	1.79½

* Holiday.

Crop movement in bushels as follows:—

	Receipts— 1938.	1937.	Shipments— 1938.	1937.
This week..	23,730	17,140	....	....
Since Sept. 1...	3,890,960	4,574,390	840,610	454,670

WINNIPEG, July 8.—The market for flaxseed remained quiet. The week's closing price range was as follows:—

	Cash.	July.	Oct.
*Saturday	...	...	...
Monday	...	...	...
Tuesday	$1.42½	$1.42½	$1.43½
Wednesday	1.43½	1.43½	1.44½
Thursday	1.43½	1.43½	* 1.45
Friday	1.43½	1.43½	1.45

* Holiday.

BUENOS AIRES, July 8.—Opening prices per bushel on July contracts were:—

	Last week.	Last year.
Saturday	...	$1.31⅜
Monday	...	1.31⅜
Tuesday	$1.22½	1.30⅞
Wednesday	1.21½	1.31
Thursday	1.23⅛	1.32⅛
Friday	1.23⅛	1.32⅛

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	303,000	142,000	339,000
United Kingdom	.....	4,000	4,000
Continent	228,000	496,000	433,000
Orders	197,000	13,000	209,000
Others (Canada)	118,000	4,000	575,000
Totals	846,000	776,000	1,560,000

Since January 1

To—	Bushels— This year.	Last year.
United States	6,491,000	17,382,000
United Kingdom	1,082,000	476,000
Continent	14,424,000	12,295,000
Orders	5,917,000	12,388,000
Others	1,360,000	3,918,000
Totals	29,274,000	46,459,000

Visible Supply

	Bushels.
Last week	6,299,000
Previous week	6,693,000
Last year	7,087,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	896,000	40,000	248,000
Continent	112,000	4,000	4,000
Others	.....	.....	36,000
Totals	1,008,000	44,000	288,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	4,084,000	2,604,000
Continent	224,000	120,000
Others	60,000	128,000
Totals	4,368,000	2,852,000

HULL, July 8.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£11⅞	£13¼
Monday	11⅞	13¼
Tuesday	11⅞	13¼
Wednesday	11¾	13⅛
Thursday	11⅞	13¼
Friday	11⅞	13¼

Linseed Oil.—The market retained a steady tone, quotations generally being held by crushers at the levels prevailing in the previous week. There was a fair movement to consumers and dealers on unfilled contracts but new business was quiet, many buyers apparently being inclined to hold off for the first government flaxseed crop report for the season which is due today.

Advices from some outside points reported a moderate expansion in withdrawals of oil on contracts previously placed but new business was limited to unimportant quantities. Changes in flaxseed quotations in domestic and foreign markets were generally moderate. Marketing of old crop seed in parts of the Northwest was somewhat larger but demand for cash seed from crushers was good and offerings were readily absorbed.

There was no material change in the character of crop news. Grasshoppers were reported to be active and more menacing in some sections but accounts from most sections were favorable. Importations of seed at New York last week were 20,453 bushels.

MINNEAPOLIS, July 8.—Crushers say that oil trade is improving gradually and supplies are wanted more freely for shipment through the summer. A few small round lot orders have been booked for delivery up to September 1. Small lot business dropped off, as it usually does around the Fourth of July holiday period. Most of the business of the week was done in small car lots. A few tankcars were sold.

Shipping instructions continue good and with mills operating only 10 percent of their capacity reserve stocks of oil are decreasing steadily and at a good pace. At the moment there is no idea of increasing capacity until the new flax crop starts to move.

Quotations on carload lots, f.o.b. Minneapolis, tankcars, 8.2c. per pound; cooperage car lots, 8.8c. per pound; warehouse lots, 9.2c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	1,220,424	1,789,611
Since Sept. 1	55,889,086	64,837,145

SAN FRANCISCO, July 5.—Paint and linoleum manufacturers in this area were proceeding cautiously in their purchases of linseed oil last week, taking on an occasional tankcar, and there was a smattering of drum lot business, but all in all the market could be classified as quiet. Sellers were firm in their ideas and the market price remained unchanged. Quoted:—Tankcars, 8.3c. per pound; drum car lots, ex mill, 8.9c.; drum lots, ex warehouse, 9.3c.

CHICAGO, July 8.—Linseed oil prices are holding, but buyers remain on the conservative side and are taking out material apparently only about as they need it, and asking for quick shipment. Ruling prices are:—Tankcar, 8.2c. per pound; car lots, 8.8c.; less than car lots, 9.2c.

LONDON, July 8.—Quotations on linseed oil were:—

	Per cwt.— s.	d.
Saturday	23	10½
Monday	23	10½
Tuesday	23	7½
Wednesday	23	4½
Thursday	23	10½
Friday	23	10½

Cake and Meal.—A steady tone prevailed in the local market last week, spot quotations being maintained at recently advanced levels. The export movement of cake continued good. Domestic trade in meal was quiet.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	1,201,385	1,929,655
Since Sept. 1	115,236,985	96,989,030

MINNEAPOLIS, July 8.—Demand for meal is narrow and offers are light. The situation is about the same as it was last week with feed mixers taking most of the light current output.

Quotations on car-load lots, f.o.b. Minneapolis, 100-pound sacks, $40.50 to $41 per ton.

CHICAGO, July 8.—Linseed meal resellers have a fair amount of material, with large crushers taking a moderate position on the offering side. Round lot business is still limited. Ruling prices are:—Round lots, $41.50 per ton, largely nominal; car lots, $41.50 to $42; less than car lots, $43 to $43.50.

Cottonseed Oil

Refined oil futures were more active with the trend of prices mainly upward though there was irregularity at times. Southern markets steady or firm.

Cottonseed Oil.—The trend of refined oil futures in the local market was mainly upward last week although there was more or less irregularity at times in company with developments in outside markets. Prevailing sentiment seemed to be more bullish for the time being, however, owing mainly to unfavorable reports concerning prospects for the new cotton crop. Reports from private sources pointed to a sharp curtailment of acreage and production as compared with last season and it was expected that the July government report would also make a bullish exhibit. The official figures proved to be 26,904,000 acres.

One published report put the area under cotton cultivation on July 1 at only 26,365,000 acres, the condition 70.4 and the indicated yield 9,856,000 bales. The acreage was said to be the smallest in many years. Another estimate of the yield was 10,100,000 bales and still another 11,253,000 bales. The final government estimate in December last season was 18,746,000 bales. There was active buying of the fall and winter months at times by commission houses. Trade interests were also credited with purchases. Local and other shorts covered. On the advance there was rather liberal realizing as well as more or less short selling though few traders were disposed to take the aggressive on the bear side especially as the market for securities displayed noteworthy strength and the trend of hogs, lard and cotton was upward at times.

Southern markets for cottonseed products were generally firm with offerings still reported as light in all sections and quotations more or less nominal. Vegetable products which compete with cottonseed oil were generally firm here. Stocks of lard in Chicago increased 3,605,619 pounds during June against a decrease of 2,255,757 pounds in the same month last year. Stocks there at the close of June were 72,170,602 pounds against 115,771,271 pounds at the same time last year. The weight of the hogs received in Western markets continued heavy. The weight of the arrivals in Chicago during the week ended July 2 averaged 276 pounds, the same as in the previous week. Reports concerning the weevil situation in many parts of the cotton belt were bullish.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from July 2 to July 8, inclusive, comprised 1,439 contracts, a total of 86,340,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
January	8.67	8.22	8.67 sale
July	8.55	8.24	8.53@8.60
September	8.65	8.23	8.65 sale
October	8.65	8.22	8.66@8.67
December	8.68	8.21	8.67@8.68

Crude, Southeast (unofficial), 7.37½c.

Chicago, July 8.—The cottonseed oil market is quiet here, with no price changes of special importance. Good, off-Summer, yellow fig oil is 8⅜c. per pound. Refined, edible oil is 9¾c. to 10c., barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

Hull, July 8.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	21	0	18	0
Monday	21	0	18	0
Tuesday	21	6	18	6
Wednesday	21	6	18	6
Thursday	21	6	18	6
Friday	21	6	18	6

Cake and Meal.—Primary markets were generally reported as firm in company with developments in the local market for oil. There were reports of a fairly active domestic and export movement.

Markets at Other Centers

Atlanta, July 6.—The market for cottonseed oil is reported picking up as fertilizer manufacturers come into the market for organic ammoniates to be used in producing base goods this summer. Prices are firm on this commodity and supplied as 8 percent grade for fertilizer purposes. Quoted at $24 to $24.50 per ton, producing points.

Crop conditions have been improved in the Southeast with a few days dry weather which has permitted weeding. Boll weevils are reported menacing because of rains and unless dry weather is experienced the weevil is expected to multiply to dangerous numbers.

Memphis, July 8.—Crude cottonseed oil remains in a firm position, unsold stocks being in the hands of a comparatively few crushers who expect higher prices later in the season. Some sales this week at 7 cents at Valley and Arkansas points. Practically no guaranteed prime oil now available. Meal very steady after an advance. Prices are now close to the high point for the season but visible supplies are scattered and in strong hands. Cash demand is following the market. Weather now very hot over a wide area. This has a tendency to check weevil development, but is not good for plants which are in sappy condition. Crop very spotted and on defensive. Will take unusually favorable weather to produce average yield per acre. Oil consumption for June expected to show slightly higher than May figures.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	June 30.	July 7.
July	$22.10@22.25	$22.85@23.40
August	22.40@——	23.25@23.75
September	22.75@23.00	23.85@24.00
October	23.20@23.45	24.25@——

Fatty Acids

Capric Acid.—A steady tone continued to prevail. No broadening of trade was noted but the movement into local and other consuming channels in recent weeks has been sufficient to prevent any accumulation of supplies.

Coconut Oil.—Quotations on this fatty acid were apparently well maintained with some improvement noted in the inquiry although consumers in the soap, cosmetic and rubber industries were not inclined to anticipate to any important extent.

Cottonseed Oil.—There was a steady movement to makers of soaps and synthetic resins and with the trend of the market for basic material upward at times the tone of this fatty acid appeared to be firmer.

Myristic Acid.—With production still on a comparatively small scale, the tone remained firm. There was a fair inquiry from makers of soaps and cosmetics.

Stearic Acid.—Recent developments in basic material were reflected in a further strengthening of the tone of the market for stearic acid. A somewhat better inquiry was noted for spot material and future positions.

Tall Oil.—The market for this fatty acid remained in the same firm position it has occupied for some time past. The inquiry apparently held up well for this period and the movement to the makers of chemical and other compounds was steady.

Markets at Other Centers

Chicago, July 8.—Volume of business in fatty acids being done is fairly good. Special cottonseed items are strong, with fractional advances here and there.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, tankcar, mostly nominal; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c., per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2⅞c. to 3c.; boiled down soap stock, 65 percent basis, 3⅞c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1½c.

STEARIC ACID.—Distilled, single press, 10½c. to 11½c. per pound; double press, 11c. to 12c.; triple press, 13¾c. to 14¾c., saponified, ¼c. higher.

Fish Oils

Menhaden.—The market here for refined oil was easier, quotations being reduced 2-10c. per pound by local interests. There was little disposition among consumers to depart from a conservative course in making purchases but the call for small or moderate quantities was reported as fair. The primary market for crude oil was reported as quiet, buyers and sellers being inclined to await further developments in the fishing situation.

Sardine.—The local market had an easier tone, quotations being reduced two points. There was a fair movement into local and outside consuming channels. The Coast market for crude oil was quiet.

Sperm.—Quotations were maintained at former levels, the tone of the market being steady. A fairly active demand was noted.

Markets at Other Centers

Baltimore, July 6.—Another week passed without any trading in menhaden oil, and with neither the producers nor the buyers disposed to name definite figures at which they would be willing to do business. The sellers seem to feel that 27 cents per gallon would be rather under than above the level at which they would be willing to book orders, while the buyers, especially the large consumers, evidently think that the price is too high.

San Francisco, July 5.—With fishing boats on their way to the Alaska herring fishing grounds last week after the settlement of the pay dispute between fishermen and the oil reduction operators, it was disclosed that the herring industry in that area would be closer to 75 percent of the plants in operation rather than the fifty percent previously anticipated. This, coupled with the fact that Washington state oil and small quantities of California oil out of the new season were being quietly offered, was the only bit of inter-

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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

esting developments in the trade last week. It was problematical if any business was done. No reports were available here regarding the sale of any Alaska herring oil as yet. Some Washington oil was said to have been traded about a fortnight ago at 27½c. per gallon and other deals were said to have involved a 28-cent figure. Sellers' ideas are now 30 cents, both for California and Washington oil, but offerings are not general, owing to the fact that labor questions have not been decided.

The lateness in settling the Alaska situation is taking about one-third off the season and removing a quarter of the plants from the picture. Last season about 5,300,000 gallons of Alaska herring oil were made. Already the time is at hand when the Washington and Oregon plants could be in operation, and the California season, due to open on the first of August, will undoubtedly run behind unless something in the nature of a labor settlement is made at once.

Fats and Greases

Grease.—A firm tone prevailed and quotations were maintained at recently advanced levels. There were reports of a somewhat better inquiry from local and other consumers.

Lard.—No broadening of domestic business was noted, consumers being disinclined to purchase ahead to any material extent. There was a fair movement on export orders. Changes in cash quotations were generally moderate.

Stearin.—The market was firmer with a better inquiry. There were reports of sales at 7c. per pound and later on some sellers quoted 7½c.

Tallow.—A generally firm tone continued to prevail. There were reports of a fair inquiry but some consumers were disposed to hold off and await further developments after the recent advance. Offerings were reported as light throughout the week. The last transactions reported were at 5⅜c. per pound, f.o.b. for extra.

Trading in tallow futures on the New York Produce Exchange from July 2 to July 8, inclusive, comprised 23 contracts, a total of 1,380,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
August	5.65	5.65	5.62@5.78
September	5.75	5.70	5.75@5.85
October	5.85	5.70	5.85@5.90
December	5.90	5.80	5.90@6.10

Markets at Other Centers

Chicago, July 8.—The cash lard market has been quiet here. Shipping trade has been fair.

The range of lard quotations from the opening Saturday, July 2, to the close Friday, July 8, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$8.70	$9.00	$8.62	$9.00	$8.65
October	8.90	9.27	8.82	9.17	8.92
December	8.87	9.20	8.77	9.00	...

TALLOWS (tierces).—Edible, 6⅜c. to 6½c. per pound; prime, 5½c. to 5¾c.; fancy, 5¾c. to 6c.; special, 5⅝c. to 5⅞c.; No. 1, 5c. to 5⅛c.

GREASES (tierces).—Choice white, 5⅜c. to 5⅝c. per pound; A white, 5¼c. to 5½c.; B white, 5c. to 5⅛c.; yellow, 10-16, 4⅞c. to 5c.; yellow, 16-20, 4¾c. to 4⅞c.; brown, 4⅜c. to 4½c.

STEARINS (barrels).—Prime oleo, 6½c. to 6¾c. per pound; lard, packages, 9c. to 9¼c.; A white grease, 5⅛c. to 5⅜c.; yellow grease, 4⅞c. to 5c.; extra oleo stocks, 8½c. to 8¾c.; No. 2 stocks, 8¼c. to 8½c.

Liverpool, July 8.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	July. s. d.	Sept. s. d.	Oct. s. d.
Saturday	47 6	43 0	44 6	45 3
Monday	47 6	43 0	44 9	45 3
Tuesday	47 3	42 9	44 6	45 0
Wednesday	47 0	42 3	43 9	44 3
Thursday	47 6	43 3	44 9	45 3
Friday	48 0	43 9	45 0	45 6

Liverpool, July 8.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	20 6	17 6
Monday	20 6	17 6
Tuesday	20 6	17 6
Wednesday	20 6	18 0
Thursday	20 6	18 0
Friday	20 6	18 0

Animal Oils

Lard. — Quotations were generally maintained at former levels but prime edible oil was advanced ¼c. per pound. There were reports of a somewhat better inquiry though consumers showed little disposition to purchase in advance of current requirements.

Neatsfoot.—Previous selling schedules were adhered to by producers and the tone of the market appeared to be steady. There was a fair movement of small or moderate quantities to local and other consumers.

Oleo.—The market had a firmer tone. No. 1 oil being advanced ¼c. The inquiry was reported as somewhat more active.

Tallow.—Prices lacked further quotable change but the tone of the market appeared to be firmer. There was a fair demand.

Markets at Other Centers

Chicago, July 8.—The animal oil market continues to display a generally firm tone. Purchases have been made at a fairly brisk rate recently.

LARD.—No. 1, 8¼c. to 8½c. per pound.
OLEO.—No. 2, 8c. to 8½c. per pound.
TALLOW. — Acidless, 7½c. to 8c. per pound, tanks; and 8¼c. to 8¾c., drums.

Waxes

Bees.—New business was not especially active but there was a very good movement of stocks sold under contract and the market as a whole was a very steady affair throughout the past week. Foreign market prices for crude were generally steady and offerings of moderate size were received steadily during the period under review.

Candelilla.—A firm, well controlled market prevailed at the source and prices there were definitely maintained free from influences likely at an early date to turn values downward. It is generally believed that ultimately a higher market will be established.

Carnauba.—The market was generally very steady on spot, strong in Brazil, and subject to a somewhat improved demand for both prompt and later deliveries. In fact, local quotations displayed a tendency to advance because of the situation at the source, as well, also, for the reason that spot quotations have been considered far too low when compared with the well maintained cost in the primary market. Competition on spot was far less active than it was a short time back when surplus supplies pressed rather severely for sale.

Japan.—Inactivity kept the market unsettled and generally easy under the added influence of competition in local circles. Stocks could readily care for a much larger request than was noted last week.

Steel Barrel May Output Off

Production on steel barrels and drums of the heavy type amounted to 696,264 in May as compared with 678,191 for April and 783,309 for May, 1937, according to Bureau of Census. Shipments in May totaled 696,738 as against 680,180 in April and 786,607 in May last year. Stocks at the end of May totaled 23,118. Production of light types amounted to 141,262, against 158,297 in April and 167,123 in May last year. Shipments totaled 142,219, against 157,942 in April and 169,969 in May last year. Stocks at the end of the month totaled 6,162.

Glidden Co. Bowling League Closes Season

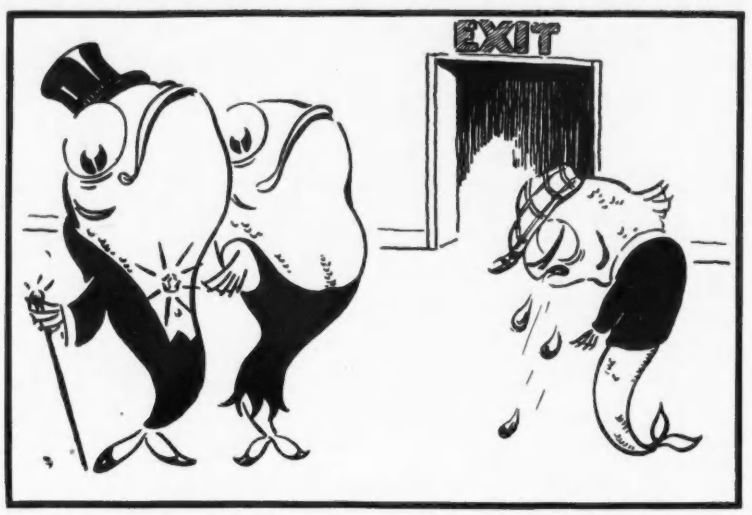
The interdepartment bowling league of the Chemical and Pigment Company and the American Zirconium Corporation, St. Helena, Baltimore, Maryland, divisions of the Glidden Company, Cleveland, Ohio, came to a close with a banquet in the New Howard hotel, Baltimore. G. Warren Fisher has been elected president of the league for the forthcoming season.

The final league standing was:—

	Won.	Lost.
Cadmium Red	63	18
Opacitone	50	31
Sunoflat	49	32
Euston Lead	47	34
Titanolith	42	39
T. C. Pigment	39	39
Sunolith	37	41
Red Lead	32	46
Litharge	30	51
Cadmolith	31	56
Zopaque	25	59

A. K. Brennan has been appointed to the factory engineering division of the Read Machinery Company, York, Pa. Mr. Brennan was formerly sales engineer for the company in the metropolitan New York area.

Elastoil Fish Scale Sketches



ELASTOIL BRAND PRODUCTS

Poor Fish - - he wasn't an Elastoil

He had F. O.

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MENHADEN OIL
PERILLA OIL
SOYA BEAN OIL
WALNUT OIL
CHINA WOOD OIL
OITICICA OIL
RAPESEED OIL
SPERM OIL
WHALE OIL
NEATSFOOT OIL

Elastoil Products, through twenty years of constant development, have practically eliminated the word "fish" in connection with these highly developed oils. Kettle processed Elastoils not only are absolutely free of any fish odor but have less odor from after oxidation than any of the commonly used drying oils. They are, therefore, used in the production of certain types of finishes and printing inks where a maximum of freedom from after oxidation odors is essential. The odorless qualities of Elastoil Products together with their excellent non-yellowing characteristics account for the fact that they are used today in large quantities for the production of interior gloss, semi-gloss, and flat finishes.

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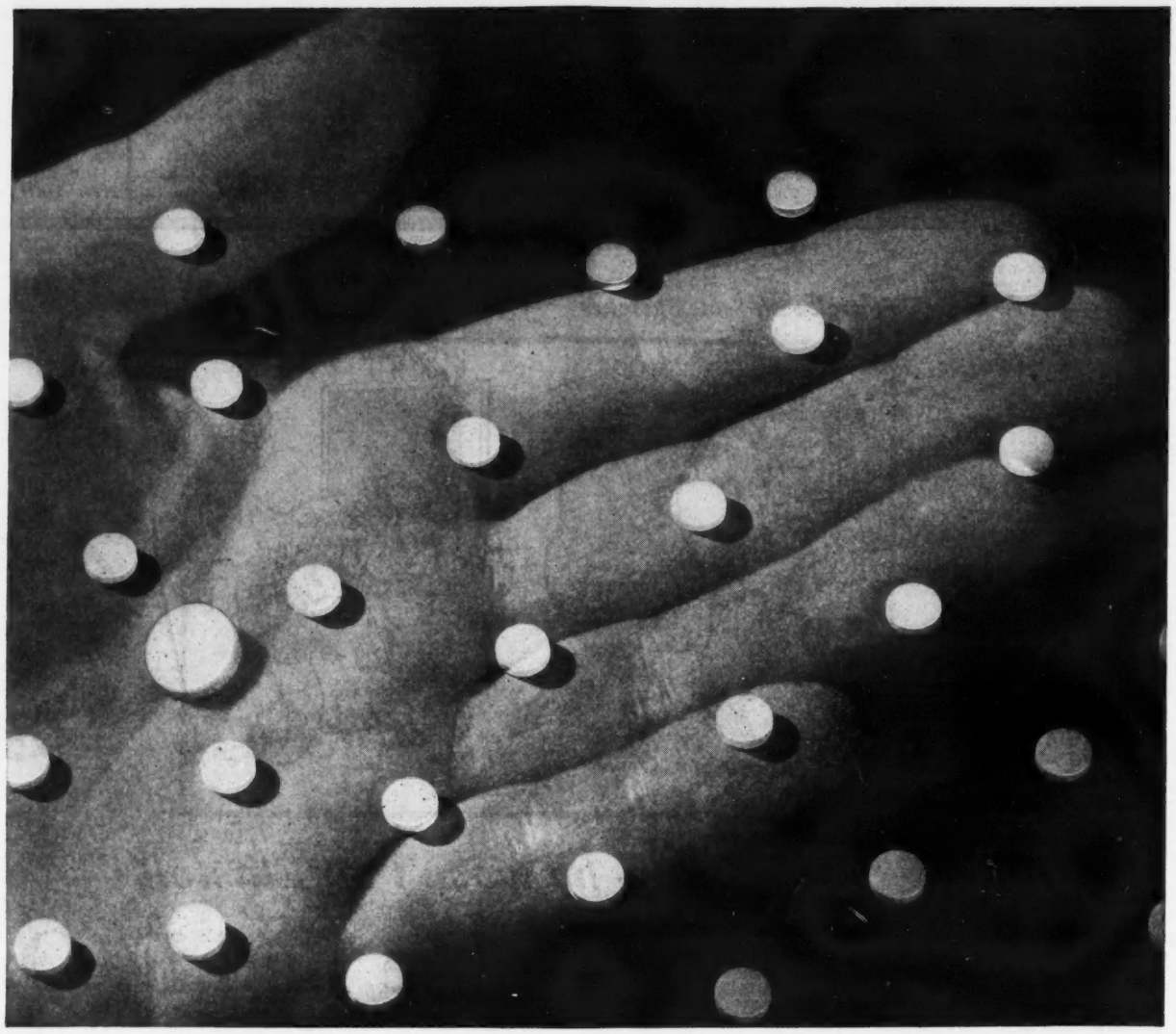

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Experienced tablet manufacturers have long preferred Merck salicylates because of their several distinctive properties.

Sodium Salicylate Merck, U. S. P. Crystals Free-Flowing, is characterized by absence of odor, freedom from caking, and rapid solubility. Endowed with the same properties without being free-flowing, Sodium Salicylate Merck, U. S. P. Powder, is ideally adapted to both straight tablet and compound tablet manufacture.

Acid Acetylsalicylic Merck, U. S. P., is available in Fine Crystals, Powder, and Granular forms for manufacturers who prefer to make their own granulation. For direct compression, Merck Starch granulations White in 10%*, 16%, and 20% mixtures may be employed with consistently excellent results. The use of any of these forms ensures a uniform, odorless tablet which exhibits rapid disintegration in water and complete absence of free salicylic acid.

To minimize production difficulties and to obtain a finished product with the least possible amount of capping, sticking, splitting, and pitting, order Merck.

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Drugs, Fine Chemicals

Menthol Rises on News of Kobe Flood—Change in Cinchona Bark Agreement Sought—Borax and Boric Acid Contracting Good—Quicksilver Firm

While the past week in the market for drugs and fine chemicals was not productive of many changes in price, it was a period in which demand showed some improvement while market sentiment was generally an improvement over that which had been current in the not far distant past. The general undertone of the market was steady and most prices displayed a substantial stability.

Of interest was a report received from British sources and originating in Amsterdam, to the effect that a change in the cinchona agreement may be sought as the result of a German quinine maker, not a member of the quinine convention, applying to Amsterdam for an allotment of bark described as "tremendous." The planters apparently feel that nothing should be left undone to discourage further independent planting of cinchona in various parts of the world. They view with concern the possible result of Amsterdam refusing to supply the bark requested.

Again, news despatches of the week reported a bad flood in Kobe, Japan, and menthol prices were advanced promptly and far more substantially than for a long time past. The advance was somewhat speculative in character and so far as buyers were concerned it changed very little their conservative attitude maintained for a long time. The tendency was to await further developments before being plunged into a market where later conditions may change the situation materially. Another article affected by the same event was agar, prices for which were advanced.

Acetanilid.—Movement was conservative. General business conditions contributed to the maintenance of moderate request but absence of larger transactions failed to have adverse effect on prevailing prices. In that respect the market was very steady.

Acetophenetidin.—Following the decline in prices during the previous week, the market became steadier on the new and lower base set-up at that time. Present quotations were declared to be attractive, being in fact the lowest to prevail for a long time. Demand was routine.

Acid, Boric.—Rewriting contracts proceeded in very good fashion though it was still not certain that bookings would reach the volume noted in the first half of the year. However, the outlook was considered to be favorable in the main.

Acid, Citric.—Conditions were favorable for a very good consumption of this article. In the East, hot weather prevailed most of the time and beverage makers supplied a fine demand for their products. Manufacturing operations broadened and consumption of citric acid gained accordingly.

Acid, Tartaric.—Consumption was very good, receiving stimulation from favorable weather conditions which served to increase the use of this acid by the beverage trade. Fundamentally, the market was very firm and all of the recent advances in price were well maintained.

Agar.—Floods swept over Kobe, causing huge property damage and some loss of life last week. Prices on this article reacted to the situation at the source and local quotations on No. 1 were higher at 90c. to 95c. per pound; No. 2, 85c. to 90c.

Alcohol.—The new and higher prices established on pure ethyl alcohol went into effect smoothly and without disturbing influence on the consuming trades. The higher levels bring no increase in profits to the producers since the advance was merely sufficient to take care of the higher taxes that became effective July 1. Industrial alcohol received a fair request, buyers showing confidence in the market prices which, on July 1, were extended to the end of this year. The next substantial sales program will center in sales of antifreeze completely denatured material for use in motor cars next winter.

Borax.—Contract writing covering requirements over the balance of this year made very good progress and a substantial tonnage of consumption seemed to be forecast by the quantities taken by the various consuming trades. The market was very steady at all points.

Cadmium Metal.—Consumption continued to lag, this for the reason that activity of the plating industry has been depressed by reduction in motor car production this season. Open prices on metal were unchanged and seemed to be steady but they were backed by very good stocks and hence the future of the market seemed to depend directly on a revival of larger buying by platers.

Caffeine.—Business was fair to good, being steady at all times and taking place on the basis of well stabilized and maintained prices. Offerings were ample in size and reserved were sufficient to meet any unusual expansion in requirements.

Castor Oil.—Routine trading contributed to the maintainence of a steady market in which quotations openly named were apparently serving as the actual basis for business done. At least, no reports of concessions being granted were encountered last week.

CHICAGO, July 7.—Trade in castor oil has been quiet. The feeling seems to be fairly stable at present. Offerings are moderate. Ruling prices are: No. 1, barrels, car lots, 10½c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅜c; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; returnable drums, car lots, 9¾c.; less than car lots, 10½c.; tanks, 8⅞c.

Cocoa Butter.—The recent advance was maintained in keeping with the general strength ruling in most commodity markets during the past fortnight. Demand was some better last week, which fact gave added support to prevailing values.

Codeine.—Very good movement was reported and the market as a whole showed substantial strength in undertone and price. Business was better than usual for this season of the year.

Codliver Oil.—With fishing about concluded in Norwegian waters, the undertone of the market abroad has strengthened in keeping with the fact that production would be well behind that of a year ago. Locally, not a great deal of activity was reported and most sellers appeared to be carrying excellent reserves.

BERGEN, June 20.—Market report No. 17. During the past week 1,500,000 kilos of cod were caught and 759 hectoliters crude oil were produced. The corresponding figures for 1937 were 700,000 kilos and 226 hectoliters. The total catch and production of the last five years are as follows:—

	Fish. Kilos.	Oil. Hectoliters.*
1938	163,300,000	69,683
1937	157,300,000	76,140
1936	137,100,000	64,147
1935	116,700,000	69,650
1934	144,000,000	84,251

* To convert into barrels multiply by .88.

The result of the fishing in Finmarken, which will terminate this week, has been

Price Changes

Prices were changed during the past week as follows:—

Advanced

Agar, No. 1, 10c. per lb.
No. 2, 10c. per lb.
Menthol, 20c. per lb.

Reduced

Vanillin, ex eugenol, 10c. per lb.
ex guaiacol, 10c. per lb.
ex lignin, 10c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.3	181.6	181.6	181.6

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

PHARMACEUTICAL CHEMICALS

ACETANILID
ACETPHENETIDIN
CAFFEINE ALKALOID
CALCIUM LACTATE
GLUTAMIC ACIDS AND SALTS
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CHEMICALLY PURE GLYCERINE
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Genuine Imported U. S. P.
FLAG BRAND
All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
NAPHTHENIC ACID SLUDGE . . . NAPHTHENIC SOAP
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QUALITY STANDARD THE WORLD OVER SINCE 1883
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Cod Liver Oil
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considerably below expectations, and as a consequence the crude oil market continues to be very firm. The several hundred independent producers of fish and crude oil having realized a profit on the salt and dried fish, by reason of the Norwegian government's guarantee of minimum prices for these commodities, are holding out for higher prices for the crude oil. Hence there are practically no sales being made at present.

Corn Syrup.—As yet, the crop has not had an influence on prices but since the prospect at this time is for a good production this year, the undertone of the market was slightly easy last week without values being openly affected. Demand was fairly good.

Coumarin.—Very fair demand was reported and the market as a whole was a steadier affair than it had been at times in the recent past No further shading under competition was reported and in the main values were well maintained throughout the entire period.

Cream of Tartar. — Undertone continued firm to strong in keeping with the position of tartaric acid and raw material used in manufacture of the same. Very good request in the form of numerous orders for conservative quantities aided in creating and maintaining the excellent position of this material.

Creosote.—While not in demand now, preparations against the active Winter season were going forward conservatively and it seemed likely that the market would retain all of its recent stabilization for some time to come.

Ephedrine. — Most opinion held that lower prices are a better than reasonable prospect and it was far from certain that quoted levels were being well maintained at this time. With plentiful stocks of raw material coming from India, the shortage of ephedra that prevailed following the outbreak of war between China and Japan just a year ago is not expected to be repeated.

Glycerin.—The market seemed generally steadier. The position of dynamite glycerin was confirmed as competitive but prices as quoted seemed minimum based on business actually done during the past week. Crude was held at unchanged prices but demand for the same was not very active. Heavy gravity glycerin, of interest to makers of synthetic resins and plastics, was offered freely and liberally at very attractive, but also generally steady, prices.

CHICAGO, July 7.—The general glycerin market situation seems to be holding unchanged, with a fair degree of firmness. Orders for c.p. material have been coming in moderately well. Most buyers are interested in limited amounts, and their stocks are not overly large. Ruling prices are:—C.p., drums, 14¼c. per pound; less than car lots, 14¾c.; cans, 16¼c. to 18¼c., according to quantity; dynamite, drums, car lots, 12¾c.

Menthol. — Prices were advanced to $3.20 to $3.25 per pound and the disposition was to make $3.25 the minimum figure should demand support the price views of sellers. However, the advance had a tinge of speculation that originated in the fact that it came directly after receipt of cables relating details of a severe flood that swept over Kobe, Japan, causing property and loss of life. So far as buyers were concerned, they discounted the effect of the flood and held aloof pending further developments at the source.

Mercurials.—Prices held. Demand remained moderate and lacking in signs of early expansion. Values were well supported by the fact that no unsettlement in raw material quotations seemed likely in the nearby future. Foreign control of values was stringent and tight.

Milk Powder.—Production was huge, so large in fact that the heavy purchases by the Federal government have not been sufficient to create a stronger price situation. Values were definitely in favor of buyers and except for Federal activity demand from consumers was moderate.

Quicksilver.—Prices held steady despite rumors and reports intimating that official quotations were being broken substantially. The market was $82 to $83.50 per flask and no important quantity of metal was offered for less. Of interest was the fact that the Navy Department on July 22 will open bids to supply quicksilver at various points on the Atlantic and Pacific coasts.

SAN FRANCISCO, June 5.—Sellers of quicksilver here last week attributed the very light recent inquiry for metal to the inventory-taking period of June 30. Resumption of activity is expected shortly. The market held unchanged.

Quinine.—According to reports in British circles, and originating in Amsterdam, some possibility exists for some modification of the terms of the agreement existing between cinchona bark producers in the Netherlands Indies, and the principal quinine manufacturers in Europe and the United States. The agreement has been declared to be too inflexible in its provisions to meet modern conditions. The report continues by stating that the difficulty has now been raised in an acute form by the application of a German quinine producer for what is called a "tremendous" quantity of bark. Since the German maker is not a member of the quinine convention, the application

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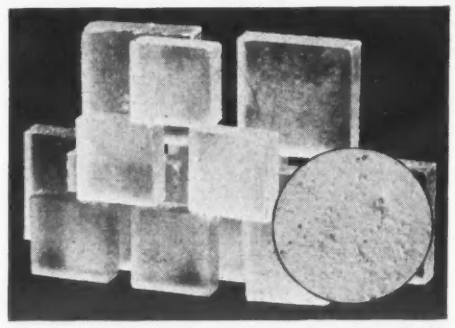

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has not been granted. Some bark growers argue that refusal is likely in the long run to be inimical to the interests of the Netherlands Indies industry, it being pointed out that such refusal can only act as a stimulus to the planting of cinchona trees in other parts of the world. Such plantings already are considerable, the percentage of international quinine output last year from Netherlands Indies bark being only 85 percent, as compared with 97 percent a few years back.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42¾	19⅛
Monday	*	*	19⅛
Tuesday	31½	42¾	19⅛
Wednesday	31½	42¾	19⅛
Thursday	31½	42¾	19⅛
Friday	31½	42¾	19⅛

* Holiday.

Vanillin.—Producers reported sharp competition which resulted in a further decline in prices. Quotations were:—Ex eugenol, $2.25 per pound; ex guaiacol, $2.15; ex lignin, $2.15.

Medical Treatments Barred from Mails

OPD Washington Bureau
July 5, 1938

Fraud orders recently issued by the Post Office Department deny the mails to three concerns selling medical treatments through the mails.

One order was issued against the Permanent Good Health Publishing Company, the Permanent Good Health Clinic, and Dr. Charles Gluck, New York. The Department's investigations found that Dr. Gluck was selling a book outlining what purported to be a drugless method of preventing a great many types of diseases. The department alleged in the order that, in spite of this, he not only advised the use of drugs and surgery in many cases, but applied them himself in his clinic. Part of his treatment was a nose spray which he contended would prevent entry to the body of germs of practically all diseases, but other physicians testified at the hearings that this spray was ineffective for the purposes claimed and tnat many of the ailments for which it was recommended were due to other causes than germs entering through the nose.

Another order involved the Herb Medicine Company and J. B. Trexler, Reading Pa., and Madame De Vaux, Wonder Sales Service. G. M. Quality Products, and the Reliable Service Company, Chicago. This charged fraud in the sale "Trexler's Tea and Diet Regime," advertised as a treatment for diabetes. The same product, formerly sold as "Trexler's Diabetic Laxative Controller," had been the subject of two previous fraud orders. Experts testified that it was composed of a mixture of various herbs and roots; whereas, only insulin is effective in the conditions for which it was recommended.

An order against the Delta Sales Company, Ann Arbor, Mich., charges that concern with selling perfumed cold cream containing small amounts of borax and wax as a massage for stimulating growth of the busts; whereas, experts testified that it was of no value in causing internal development of the mamalary glands.

London Drug and Oil Data

Stocks of certain drugs, oils, and related materials in London public warehouses at May 31, 1938 and 1937, and movements of goods of this category into and out of those premises in the month of May, 1938, were as follows:—

	Landed.	Delivery.	Stocks 1938.	Stocks 1937.
Shellac, orange, cs.	4,003	4,266	127,169	139,789
garnet, cs.	305	339	923	1,267
button, cs.	625	502	710	1,442
Totals	4,933	5,107	128,802	142,498
Quinine sulphate, lbs.	3,000	3,000	...	...
Cinchona bark, South American, cs.	...	...	...	...
bales, etc.	...	...	...	...
East India, Ceylon, and Java, cs.	...	...	...	...
bales, etc. lb.	23	46	480	564
Totals	23	46	480	564
Aloe, cwts.	76	32	185	365
Anise, Star, cwts.	31	11	44	372
Arrowroot, bbls.	170	446	2,389	2,008
boxes and tins	...	...	...	...
Balsam, cwts.	54	20	188	63
Cascara sagrada, tons.	20	33	82	68
Tanners' bark, tons.	...	...	...	...
Beeswax, pkgs.	888	763	3,398	2,790
Japan wax, cs., etc.	115	137	372	516
Camphor, pkgs.	14	20	352	317
Cardamom, cwts.	101	166	673	299
Cochineal, bgs.	11	8	42	59
Coculus indicus, bgs.	...	...	...	...
Colombo root, bgs.	...	160	1,080	2
Cubebs, bgs.	...	...	...	...
Dragon's blood, cs.	...	18	115	165
Nutgalls, China and Japan, cs.	...	...	70	906
Turkey and Persian, bags	...	71	190	236
Gum, ammoniac, pkgs.	...	...	58	38
animi, pkgs.	74	92	264	355
copal, pkgs.	2,123	2,749	14,688	13,704
arabic, all descriptions, pkgs.	2,848	3,617	11,621	11,908
asafetida, cwts.	...	2	391	364
benzoin, cwts.	60	75	527	812
dammar, pkgs.	1,340	1,344	7,268	6,282
gamboge, cwts.	17	...	32	38
guaiac, cwts.	...	3	16	55
elemi, pkgs.	...	...	...	...
kauri, tons, net	9	17	260	119
mastic, pkgs.	30	35	45	68
myrrh, East India, pkgs.	43	51	17	19
olibanum, pkgs.	...	11	235	225
sandarac, pkgs.	32	52	315	151
tragacanth, pkgs.	493	639	4,599	2,776
Ipecac, Mattogrosso, cwts.	57	45	37	80
other sorts, cwts.	...	11	39	70
Jalap, cwts.	...	3	128	21
Myrobalans, tons.	...	...	1	2
Nux vomica, cwts.	...	...	220	59
Oils, castor, cwts.	191	87	266	87
palm, tons	...	...	...	...
coconut, tons	8	8	9	40
olive, casks, etc.	804	693	1,117	989
*anise, cwts.	13	25	10	15
*cassia, cwts.	57	62	7	18
Graphite, tons	5	10	55	16
Rhubarb, Chinese rhapontica, cwts.	22	84	458	172
Saltpeter, tons.	1	11	59	13
Soda nitrate, tons.	638	774	999	1,462
Sarsaparilla, cwts.	47	64	247	236
Senna, bls.	316	244	2,294	3,050
Sticklac, cs.	935	782	1,277	2,465
Gambier, tons.	14	14	20	6
Cutch, tons.	...	3	7	8
Turmeric, Bengal, tons	13	...	18	16
Madras, Cochin, etc., tons	29	8	63	99
Total tons.	42	8	81	115

* Stocks at certain wharves not included.

Chewing Gum Output Gained Moderately in 1937

The total value of chewing gum made in 1937 was $54,084,494, as compared with $45,470,448 in 1935, according to the preliminary figures compiled from returns of the biennial census of manufacturers, just released by the Bureau of Census, Department of Commerce.

The amount of principal materials consumed in the manufacture of chewing gum by the twenty-five reporting firms included 59,520,509 pounds of sugar; corn syrup, 16,576,778 pounds; chicle, 13,329,392 pounds; crude gum, 6,213,333 pounds. The 1935 figures showed the following:—Sugar, 47,253,868 pounds; corn syrup, 12,766,152 pounds; chicle, 10,950,158 pounds, and crude gum, 4,612,520 pounds.

Britain to Send Delegation To Management Meeting in U.S.

London, July 6, 1938

Viscount Leverhulme, Governor of Lever Brothers & Unilever, Ltd., the international committee of scientific management, will head the large party which the British Management Council is sending to the international management congress to be held in Washington, D. C., in December. The congress is to be opened by Cordell Hull, Secretary of State.

Several study tours have been arranged to enable Viscount Leverhulme and his party to examine American management practice, and forty concerns of international repute have ofbig British soap and vegetable oil combine, in his capacity as president of the fered to open their factories and other establishments for this purpose.

QUALITY WINS PREFERENCE FOR DOW SODIUM SALICYLATE, U. S. P.

DOW Sodium Salicylate, U. S. P., possesses the superior color, form, and purity that is so preferred by pharmaceutical manufacturers for the preparation of tablets and capsules. Its white, microcrystalline powder yields the clear, colorless solution most desirable for general pharmaceutical manufacture and prescription use and for intravenous administration.

The uniform excellence of this product — achieved through rigid control from the basic materials to the finished product — has earned for Dow a leading position as a producer of Sodium Salicylate, U. S. P.

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MIDLAND, MICHIGAN

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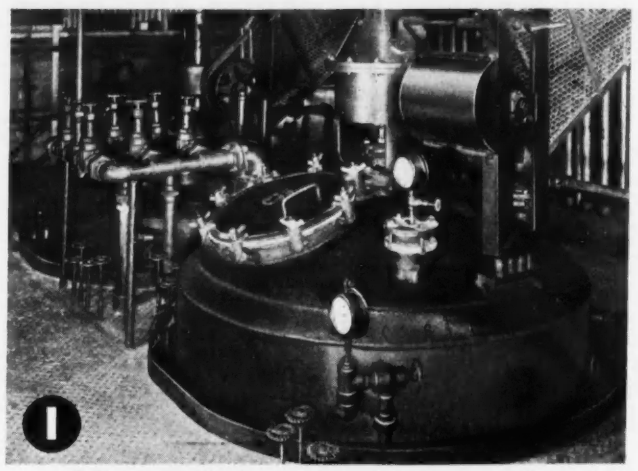
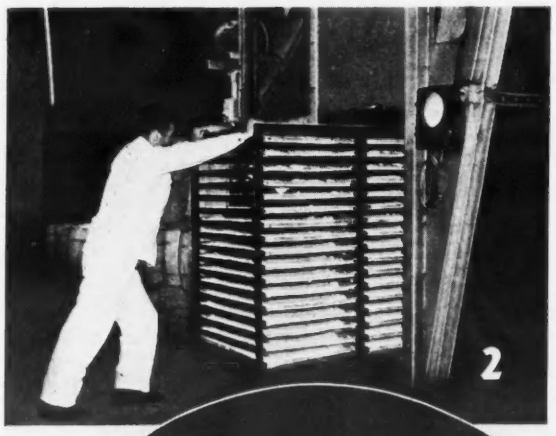
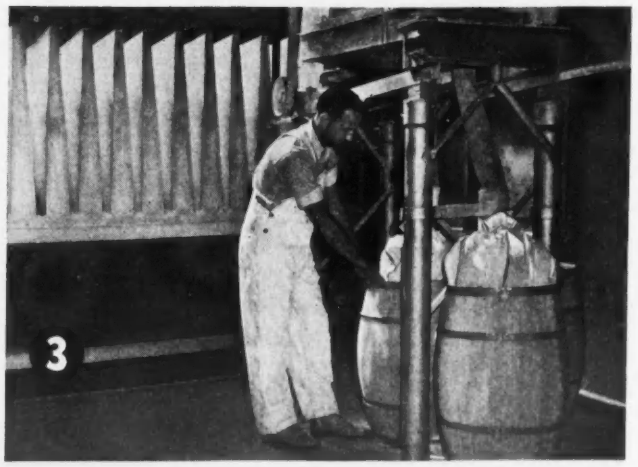
PRODUCERS OF MORE THAN 300 CHEMICAL PRODUCTS



1. Basic Ingredients of Sodium Salicylate are Salicylic Acid and Sodium Bicarbonate. These are mixed with water in glass-lined reactors. After the solution is filtered it is crystallized in water-jacketed crystallizers.





2. Drying the crystals is an important step in the manufacture of Sodium Salicylate. The crystals are placed on special metal trays for carefully controlled oven drying.

3. Pulverizing Mill in background grinds the crystals to a white, microcrystalline powder. Packaged in paper-lined containers, the Sodium Salicylate is shipped to pharmaceutical manufacturers for general manufacture into various forms.

4. Purity of Dow Sodium Salicylate is indicated by the clarity and water-white color of its solution. Its uniformity and quality have led pharmaceutical manufacturers to depend on Dow for this product.

TRADE DOW MARK
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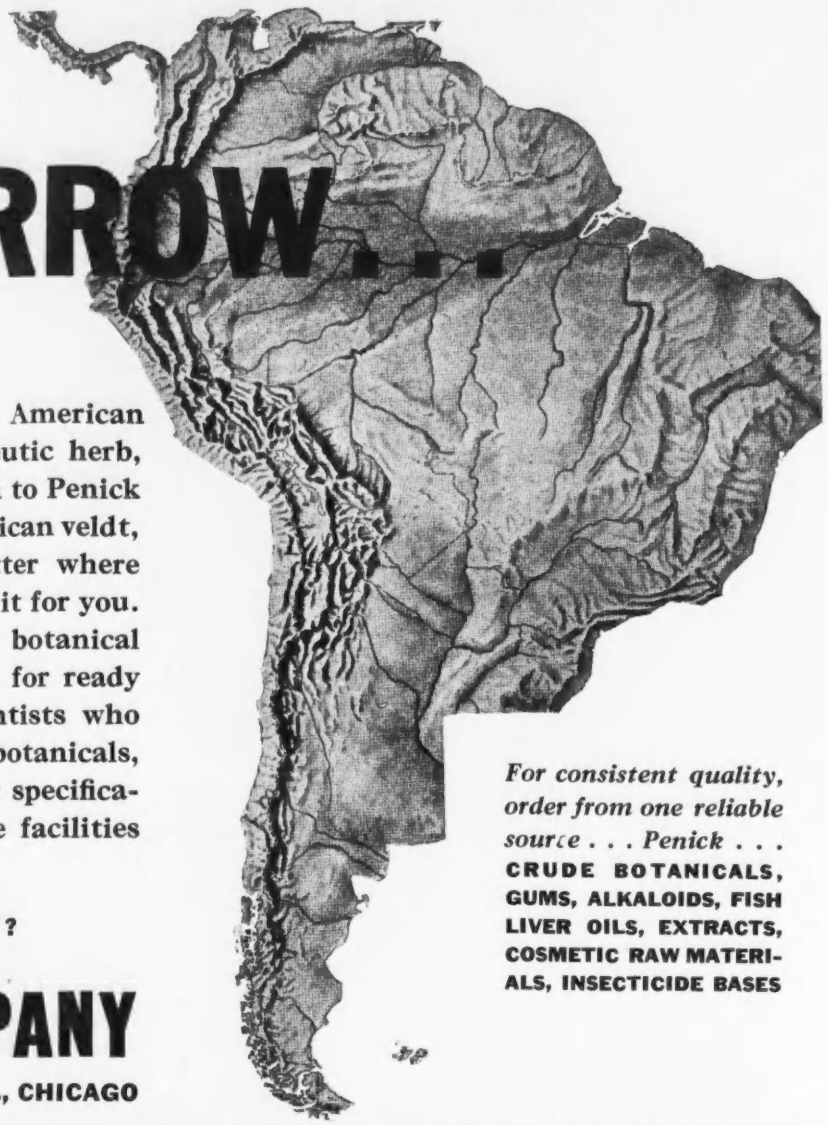

If tomorrow found some dense South American jungle the source of supply for a new therapeutic herb, most pharmaceutical manufacturers would turn to Penick to obtain supplies as quickly as possible. The African veldt, faraway Indo-China, obscure islands — no matter where botanicals grow, if it can be secured, we will get it for you. That is part of our service as the world's largest botanical drug house — just as much as our huge stocks for ready shipment of orders, our staff of watchful scientists who safeguard the quality and potency of Penick botanicals, the special mills we use to grind drugs to exact specifications, the reasonable prices which our extensive facilities make possible.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

A.Ph.A. Research Laboratories Opened

—Continued from page 3

new N.F. methods, and (3) conducting routine work in checking the effectiveness of N.F. methods. Later the laboratory will conduct tests for the recipe book, and it is expected that many tests in connection with U.S.P. revision will be assigned to it. The color standardization work being conducted jointly with grants from the N.F. and the U.S.P. boards will also be carried on under the direction of Kenneth L. Kelly, of the United States Bureau of Standards.

It is not the intention of the officials of the association that the laboratory will supersede the system of N. F. revision by voluntary referees and committees, but, rather, will supplement this system. It has been found that many types of work are very difficult for most laboratories to handle, and the institute laboratory will have special equipment for tests of this sort. The central laboratory will be available for a constant check on the routine work of the revision committees, as well as for conducting research on methods of testing new drugs and new methods for testing old ones. It has equipment and personnel to enable it to work rapidly when necessity demands, a requirement made the more imperative by the enactment of the new food and drugs law with its provision that the Secretary of Agriculture can call on the U.S.P. and N.F. committees to revise testing methods which appear to be deficient. While the laboratory will work primarily on problems connected with N.F. and recipe book revisions, its services will be available to the U.S.P. revision committee on a cooperative basis.

Dr. Gathercoal will serve as director of the laboratory during the coming year. He will be assisted by three laboratory technicians who were associated with him in the temporary laboratory in Chicago, Dr. Roy K. Snyder, Emerson C. Beeler, and Karl B. Rosen. Plans call for a normal staff of seven persons, composed of a director, four laboratory research men, a secretary, and a technician, and the operating budget will be about $25,000 annually for the next year or two.

A.Ph.A. Chemical and Pharmaceutical Laboratory

H. Q. Mills, formerly vice-president of the Anchor Cap & Closure Corporation and the Capstan Glass Company, with headquarters in Long Island city, N. Y., now has his headquarters at the San Francisco, Calif., office, located at 230 California street.

Synthetic Medicinals Output: 1937

The United States production and sales of certain synthetic medicinals in 1937, as reported by the United States Tariff Commission, follow:

Of Coaltar Origin

	Production.	Sales		
	Pounds.	Pounds.	Value.	Unit value.
Acetanilide	986,429	950,827	189,739	$0.20
Acetylsalicylic acid (aspirin)	4,997,453	5,143,672	2,624,133	.51
p-Aminobenzosulfonamide (sulfanilamide)	355,369	267,104	1,322,412	4.95
p-Aminobenzoyldiethylaminoethanol(Procaine)	13,446	13,154	381,390	28.99
Arsphenamine	237	266	36,423	136.93
Barbituric acid derivatives—				
Phenobarbital	94,185	92,171	419,390	4.55
Phenobarbital sodium	9,291	10,527	40,958	3.89
Benzaldehyde	73,086	65,744	54,144	.82
Caffeine sodium benzoate	1,805	1,269	3,640	2.87
Dyes, medicinal—total	40,104	38,089	759,299	19.93
Ethyl-p-amino benzoate (benzocaine) (anesthesine)	15,139	12,444	44,054	3.54
Magnesium salicylate	.....	5,487	5,482	1.00
Mandelic acid and salts	148,408	121,932	242,210	1.99
Neoarsphenamine	8,797	8,238	1,983,991	131.58
Phenolphthalein	460,400	.....	.....	...
Salicylic acid	4,402,889	2,283,420	610,549	.27
Sulfoarsphenamine	325	291	49,323	169.49
Tetraiodophenolphthalein sodium salt (iodeikon) (antinosin)	5,997	4,940	73,018	14.78
Totals	14,799,771	11,989,359	$11,496,045	$0.96

Non-Coaltar Origin

Aminoacetic acid (glycol) (glycine)	116,344	105,405	195,879	1.86
Barbituric acid derivatives—total	119,835	67,844	419,457	6.18
Ethyl nitrite	24,629	16,776	10,537	.63
Iodoform	12,537	.....	.....	...
Methyl iodide	515	459	2,319	5.05
Terpin hydrate	75,475	.....	.....	...
Theophylline derivatives—				
Ethylenediamine (aminophylline)	8,810	.....	.....	...
Thymol iodide	7,507	6,000	18,603	3.10
Totals	1,814,035	1,442,070	$2,408,371	$1.67

Killeen Back from Europe

E. V. Killeen, president of George Lueders & Co., essential oils and aromatics, this city, in company with his wife returned from Europe July 4 on the steamship Queen Mary. Mr. Killeen's visit abroad was a vacation that took him to practically all the European capitals.

Although bent on pleasure, he gave much attention to general commercial and political conditions in the countries visited. On the whole, he felt that business conditions abroad were better than in this country. Business men seemed more than ordinarily confident as to the future of trade and reported generally satisfactory conditions at the present time.

One thing struck Mr. Killeen forcibly and that was the fact that there is far more talk of war heard in the United States than abroad. While fear of war may be present, and although the people may feel they are living close to conditions that may erupt any time, one would not know it from their conversation. Their's seems to be a philosophical attitude that is reflected in their talk, their thought, and the press with a detachment the more remarkable when compared with the far greater amount of war talk and rumors of war prevailing in the United States.

James G. Rough, of the Lamont Chemical Company, Los Angeles, Calif., sailed June 29 on the steamship Washington bound for Glasgow, Scotland. Mr. Rough is on his honeymoon and, following a visit to his native city, he and his bride plan a European tour in their motor car.

Botanical Drugs, Spices, and Gums

Constant Rejection of Arrivals Causes Stramonium Scarcity—Some Dealers Say Goldenseal Still Too High—Cascara Sagrada Declared a Buyers' Market—Dandelion Down

Conditions in the market for botanical drugs changed very little last week. Demand was moderate and irregular from day to day, but the improved market sentiment noted over the past fortnight still was present, giving a fairly steady undertone to the market as a whole. Price changes were far fewer than usual.

Interest attached to the situation in cascara bark. Reports declared that the new crop has been held down because of a very large carryover. Low prices were offered for new peel, this for the purpose of discouraging production. Buyers as a whole have held aloof, feeling that prices must come down. On spot, some declared that it was strictly a buyers' market on this material at this time.

Goldenseal root was another item which some on spot feel is still too high in price. Against this is the matured conviction of others that the present downward trend in values will be reversed shortly. In the meantime numerous buyers are holding off in expectation of covering later on to greater price advantage.

Dandelion root was lower and arrived at a limit which should result in an increase in business. Spikenard root displayed developing firmness. Ergot seemed destined for higher prices once the Franco decree of a high minimum price becomes of direct influence on local values. Mandrake collections continued to gain and fair stocks seem likely to become available.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	288	878
Belladonna	51	245
Caraway	784	5,688
Cardamom (cases)	25	966
Celery	...	353
Coriander	1,602	2,736
Cumin	312	1,128
Digitalis leaves (cases)	68	77
Dill	...	300
Fennel	176	454
Henbane leaves (bales)	42	107
Mustard	200	17,872
Poppy	300	20,326
Sage leaves (bales)	25	245
Sesame	769	5,636
Stramonium (bales)	516	516
Thyme (bales)	9	353

Barks

Bayberry.—The market retained firmness as its leading characteristic and the advance made in the previous trading period was fully maintained. Sellers were somewhat reserved.

Cascara Sagrada.—This article was being watched closely since the position in the primary market is highly unusual for the current time of year. Because of a large carryover, dealers have tried to keep collection down as much as possible and some advices received recently were to the effect that the peeling season was closed. Since old bark is more valuable to consumers than freshly collected material, buyers should be able to buy to special advantage this year; most of the bark to be sold will be at least a year old, according to primary market information. Some local dealers declared that conditions in all respects favor buyers.

Cinchona.—Quills were firmer and steadier than they were when prices were reduced in the previous trading period. Demand remained routine and uneventful throughout the period but values were well held in all quarters.

Elm.—Select bark was fairly easy in undertone. Prices have worked down to a position fairly close to normal levels and some expect firmer undertones and fewer price declines to develop in the weeks ahead. A fair collection has been secured thus far.

Wild Cherry.—Rossed, then green bark was lower at 8c. to 9c. per pound, a movement that was caused solely by the accumulation of very good sized stocks of new production in the primary market. Others qualities of the bark lacked quotable change.

Beans

St. Ignatius.—While stocks were not exceptionally large, nor widely distributed, this article remained quiet and free from development in price. Very little interest was displayed by consumers; their stocks were apparently ample for current needs.

Vanilla.—The market remained very firm with prices having an upward tendency because of replacement costs in primary markets and the comparatively poor prospect for new production. It will require some years for the new plantings, made because prices have risen, to come to bearing maturity. Demand for spot goods was very fair on the whole and contributed added strength to the general situation.

Berries

Cubeb.—Although some have viewed the spot market as being too low, offerings continued to be made at prices prevailing for the past fortnight or so. Interest in offerings was moderate to light most of the time.

Juniper.—Prices were low but very steady since the levels prevailing on spot were attractive when comparison was made with what it costs to replace good quality merchandise through purchases in the primary market. Consumption was running to very good figures.

Flowers

Arnica.—Considering the fact that new crop is being prepared in Europe, prices seem to be holding remarkably firm everywhere. Ordinarily, values undergo decline as stocks increase at the source, but so far this year there has been little weakening of foreign values.

Chamomile.—Values were considered to be so low that new crop influences on replacement values were expected to be moderate this year. A fair amount of buying of flowers to come forward has been done but the fact that spot stocks have been of more than fair size has kept forward buying within limits thus far this year.

Lavender.—Most sellers felt declines had run their course and that on the whole a steadier market was likely to prevail between now and the development of a wider consuming request later on. Reserves on the spot were said to be of ample size.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Canary seed, Morocco, ⅛c. per lb.
Turkish, ⅛c. per lb.
Argentine, ⅛c. per lb.
Celery seed, French, ¼c. per lb.
Indian, ¼c. per lb.
Coriander seed, Morocco, ¼c. per lb.
Clove, Madagascar, ¼c. per lb.
Zanzibar, ½c. per lb.
Ginger, African, ¾c. per lb.
Mace, Banda, 1c. per lb.
Nutmegs, West Indian, ⅛c. per lb.
Paprika, Spanish, extra fancy, ½c. per lb.
fancy, ½c. per lb.
Pepper, white, Java Muntok, ¼c. per lb.
red, chillies, Japanese, 1c. per lb.
Stramonium leaves, 2c. per lb.

Reduced

Cascara bark, ½c. per lb.
Dandelion root, 1c. per lb.
Ginger, Japanese, ½c. per lb.
Mace, Batavia, 1c. per lb.
Mustard seed, Bombay, brown, ¼c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
122.3	122.1	122.0	128.9

Market news that may have developed after this report was sent to press will be found on page 4.

PROFESSIONALLY HOPKINS BRAND MILLED
ANALYZED - STANDARDIZED
CRUDE DRUGS

Acacia Gum
Aloes
Aniseed
Buchu Leaves
Chamomile
Dandelion Root
Doggrass
Elm Bark
Ergot
Fennel Seed
Ipecac Root
Irish Moss
Jalap Root

Kava Kava
Lavender
Myrrh Gum
Papain
Quince Seed
Saffron
Sarsaparilla
Saw Palmetto
Senna Leaves
Tragacanth
Valerian
Wild Cherry Bk.

CRUDE DRUGS
J. L. HOPKINS & CO.
220 BROADWAY, NEW YORK

Vanilla Beans--Tonka Beans
Thurston & Braidich, Importers, 286 Spring Street, New York

GUMS
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
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Mullein.—Spring sales were very fair this year, all things being considered. For the most part, values were low enough to be attractive and at this time there is reason to think that values were likely to become steadier as Fall approaches. Demand at the moment was very light last week.

Saffron.—Spanish flowers held very steady even though the immediate call of manufacturing consumers was conservative. Jobbing business was fair, but trading hardly exceeded the coverage solely of immediate and pressing requirements. Mexican flowers were low in price and in very fair supply.

Gums

Arabic.—In most respects it was a buyers' market. While prices lacked quotable change, conditions relating to demand were such as to make most sellers disposed to accept reasonable bids. Hence, under competition, the tendency was to shade the market.

Asafetida.—Undertones in the market were on the firm side since the normal reserve of this item was believed to be absent from the spot. Values were well held and some quarters showed a disposition to advance the quotations.

Guaiac.—Jobbing business was sufficient to give support to a market that otherwise might have a tendency to sag. The available stock on spot was fairly substantial and until recently the market had been subject to considerable competition.

Mastic.—Jobbing business was fairly good. Consumers bought only their actual needs, yet the condition as related to supply was such as to give considerable support to prevailing values.

Tragacanth.—Some improvement in sales volume to the textile trade has been noted. Not all importers seemed to be enjoying the betterment in trade, but others did and reported a gain that to them was especially pleasing since the market had been none too active in the recent past. Prices remained very steady.

Herbs and Leaves

Buchu.—While trade was moderate, prices were steady and reflected absence of general unsettlement abroad, as well as on the spot. Buyers showed a disposition to buy freely, but only as needed.

Digitalis.—Stocks have been kept low, but the constant rejection of numerous parcels arriving from abroad and still showing a too high moisture content, despite the long and persistent efforts which have been made to get foreign shippers to dispatch only material of proper moisture content to result in passing on arrival here.

Marjoram.—Jobbing business was not very active, orders being comparatively few throughout the past week. Spot quotations held steady and in line with replacement cost of the article and the not especially large offerings of shipment goods.

Peppermint.—The domestic article failed to decline further and in some respects the market was declared to have become steadier than it had been. Stability featured prices on imported goods at a time when more often than not foreign values have a downward tendency.

Stramonium.—Prices were up to 12½c. to 13c. per pound—a position warranted for many weeks because of the fact that most of the goods arriving here since the beginning of the year have been rejected by the Food and Drug Administration. As to demand, it had little to do with the moment that seemed based on very low spot supply.

Miscellaneous

Dragon's Blood.—Slightly more activity was reported. The gain in business was conservative, yet the market had a better tone at the end of the week and quotations assumed a steadier position.

Ergot.—The situation here awaited further developments in that abroad. Reports from the Spanish peninsula recently placed the Franco government squarely back of a controlled export price on ergot of Spanish origin. The price reported to have been adopted as minimum was $1.50 per pound. In the meantime, the spot market retained the gain in strength recently reported and values held firm.

Irish Moss.—A small movement to consumers was well sustained and steady throughout the past week, giving

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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prices a well-held position and tending to check undue competition between suppliers.

Kola Nuts.—Seasonal request was very good, and accounted for the very steady maintenance of prices on a market free of unusual competition between sellers. Stocks were reported well equal to present needs of consumers.

Papain.—Further reduction in price failed to develop and in view of the virtually steady price position at the source, local values were generally well held. Consumption in this country continued to run to satisfactory figures.

Roots

Dandelion.—Quotations were down slightly to the basis of 14c. to 15c. per pound. The price was considered to be especially attractive and some quarters felt that it would be withdrawn in the not far distant future. Consumer buying at the moment was moderate but the season of more active consumption was not so far away.

Golden Seal.—The decline in price has gone rather farther than some had expected and in view of production thus far, there were some who frankly forecast a rising market for the long point of view. Others feel that prices are still too high. At the moment, however, conditions were very favorable for buyers.

Hellebore.—Powdered white hellebore has had a very fair movement but most of the large buying has been done and from now on a smaller business was expected by some. Prices have been generally favorable this year.

Mandrake.—The market has been slightly easier of late but that condition was no more than might reasonably be expected since this is the season when crop collections are made against manufacturing requirements of the coming year. Quotations still tended to yield in buyers' favor.

Rhubarb.—Prices were slightly softer. While lacking in further open change, they tended to move in favor of those coming to the spot with firm orders in hand. Competition was more active than it had been in the recent past.

Seeds

Anise.—Spanish seed remained very firm on the basis of the severe advance noted during the previous week. Replacements were strongly held and spot stocks were sufficiently small to create a similar situation. Star seed remained steady.

Canary.—Prices were down slightly to 4.50c. to 4.90c. per pound, prevailing on all three varieties. A very narrow spot market led to competitive shading of open quotations.

Celery.—Fractional advances were reported, French seed going to 14c. to 14½c. per pound, while the article from India was revalued at 12c. to 12½c. The markets throughout the world were a trifle stronger than they had been.

Coriander.—Natural seed was up to 5c. to 5½c. per pound and closed the week considerably firmer on the spot. Bleached material lacked change.

Spices

Clove. — All markets firmed up and spot quotations were advanced to 13¼c. to 13½c. per pound on Madagascar, and to 16½c. to 17c. for Zanzibar. Demand was very good along moderate lines of consumption.

Ginger.—African root looked up during the week and values rose to 7¼c. to 7½c. per pound. Japanese root was easier and lower at 8¾c. to 9c. Jamaica root lacked new development and prices were reasonably steady throughout the period. Demand was routine.

Mace.—Banda was higher at 52c. to 53c., but Batavia was lower at 42c to 43c. Siauw lacked change, holding at 46c. to 47c. The changes in price were readjustment of spot quotations according to the values prevailing in primary market.

Nutmegs.—West Indian material was up a very small fraction to 10⅜c. to 11c. per pound. Prices on 110's and 80's were very steady regardless of the not very active demand. Stocks were only moderate in size.

Paprika.—Spanish extra fancy grade was advanced to 30½c. to 31c. per pound and the nominal price of the fancy grade was raised to 29c. Other grades were quotably unchanged. Crop news from Hungary was more favorable but if reports be correct, the carryover in this country will be small this year.

Peppers. — White Java Muntok was higher at 8¼c. to 8½c. per pound. Red Japanese chillies were up to 20c. to 20½c. and appeared to be almost strong. Black peppers were without development. New crop black pepper has been estimated at from 14,000 to 25,000 tons; plenty of choice and margin between the two figures. In the United States, stocks total some 20,000 tons.

Trading in black pepper futures on the New York Produce Exchange from July 2 to July 8, inclusive, comprised 134 contracts, a total of 4,502,400 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	5.68	5.50	5.70@5.73
March	5.81	5.69	5.81 sale
May	5.92	5.68	5.90 sale
September	5.39	5.35	5.43@5.50
October	5.35	5.35	5.48@5.50
December	5.66	5.43	5.63@5.70

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Essential Oils, Aromatic Chemicals

Anise and Cassia Advance Extended in Stronger Market—Italian Lemon Strong—Peppermint Holds Firmness as Crop Outlook Remains Doubtful—Cinnamic Aldehyde Shaded

Trade in essential oils was of fair size last week and general market feeling retained the improvement noted during the past fortnight. Price stability seemed to be general, and excessive competition was absent from the market most of the time. Stocks were of fair size.

Anise and cassia oils continued to advance, the rise last week coming on the anniversary of the first year of war between China and Japan. Future shipments of these oils from China have been jeopardized by military operations that have extended to South China. Unless offerings in normal quantities shall be resumed, the fact that local stocks were conservative would probably add to the advancing tendency of the market as a whole.

Crop reports on peppermint were still adverse and higher prices characterized values at all points. However, it was pointed out that there is still time for a fair crop to be realized and hence buyers were disposed to hold off at this time. The spearmint situation was also firm but less uncertain than that in peppermint.

Demand for lemon and orange oils was very fair and prices held. California oils were priced far cheaper than Italian goods and hence they enjoyed a liberal share of the business done. French oils seemed to be steadier, particularly lavender which recently had been unsettled and tending downward in price. Cinnamic aldehyde and eugenol were available at more favorable quotations. Vanillin was reduced again.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, 10c. per lb.
Cassia, 5c. per lb.
Menthol, 20c. per lb.
Peppermint, natural, 5c. per lb.
redistilled, 5c. per lb.

Reduced

Balsam peru oil, 50c. per lb.
Cinnamic aldehyde, 5c. per lb.
Eugenol, 30c. per lb.
Vanillin, ex eugenol, 10c. per lb.
ex gualacol, 10c. per lb.
ex lignin, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
70.5	70.3	70.2	82.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber.—Both crude and refined were steady in price, and both moved in moderate volume at quoted levels. Undertones were close to being firm in keeping with the replacement position of the item.

Angelica. — A fair demand from cordial manufacturers was noted and the market as a whole was in steady position. Reports from abroad did not forecast any important increase in production this year and replacement costs were expected to be maintained.

Anise. — Quotations were higher at 90c. to 95c. per pound and the entire situation was one of considerable strength. Conditions in the China market were opposed to normal export movement of this oil. Last week was the end of the first year of war between China and Japan.

Caraway. — Some sellers reported more inquiry and sale last week and most dealers stated that the market was on a firm basis, free from unusual competition, and apparently well stabilized at current prices.

Cassia.—Difficulty in getting exports from China resulted in prices being advanced again, reaching the basis of $1 to $1.05 per pound. Warfare carried to South China has resulted in a marked reversal of the recent price trend. War between China and Japan began just a year ago.

Cedarleaf.—The market turned slightly easier last week and some sellers reduced their quotations to a point where the general market prevailing in recent weeks was met. Replacements were said to have been offered at more favorable prices.

Citronella.—Cables from the primary market eased slightly last week, following a fairly substantial advance during the previous week. Some fair business was reported booked in Ceylon. Locally the market was quiet and fairly attractive as to price.

Clove.—Spice was firmer and slightly higher last week and the oil market appeared to gain in steadiness throughout the period. Demand was maintained at its recently moderate volume.

Croton.—Business was moderate in size and varied considerably from day-to-day throughout the past week. In the main, buyers covered their immediate requirements and that tended to keep volume conservative. Prices were reported to be very steady.

Dill.—Some fair business was done last week at full prices and the market was exceptionally steady throughout the period. The best season of the year lies ahead and the trade as a whole is in a very good position to care for consumer requirements promptly.

Eucalyptus.—Prices were generally easy and conditions made for a market entirely favorable for those coming to the spot with firm orders in hand. Japan continued to be a real influence on market tendency.

Ginger.—Raw material turned stronger last week and spot prices were advanced considerably. The market on distilled oil was very steady and little disposition to compete for business at less than going quotations was present. Stocks were of fair size.

Lavandin.—The market was steadier. Competition had been recently fairly keen on spot but less of that element prevailed last week and quotations seemed to be well maintained on the moderate amount of business booked during the period.

Lavender.—It seemed likely that the price situation had been worked out at last, values being more definitely established and a generally steadier situation being the rule in most quarters. Demand was conservative throughout the entire period.

Lemon.—The strong position of Italian oil remained unchanged, and the very sharp price advantage existing on California oil was unabated. There has been some talk of an advance of prices on the domestic oil but nothing has developed as yet; the market was $2.50 per pound, comparing with $3.25 to $4 per pound for Italian oil. Demand was along seasonal lines and reached fair volume.

Orange.—Fair demand was reported. The call was seasonal in character and reached moderately satisfactory size by the close of the past week. Prices were on the low side, especially as concerned California oil, which article has been subjected to severe competition between the largest producers and the growing group of independents.

Palmarosa. — Replacement cost was fairly easy but it also had a steady quality that was reflected on well maintained spot quotations. Buyers were conservative in placing business, tending to cover prompt needs only.

Peppermint.—The firmer tone prevalent in the primary market continued to be reported, and higher spot prices were steady to firm pending further development of the crop situation. The outlook has not been too satisfactory of late, but it was pointed out that there was still ample time for the article to make a good crop. Quotations on natural were $2.20 to $2.45 per pound; redistilled, $2.45 to $2.70.

Petitgrain.—Small orders were cur-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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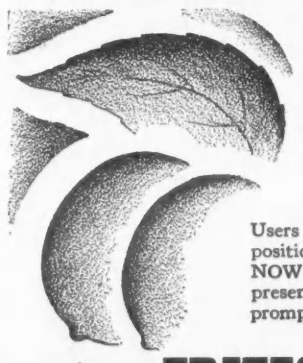

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rent last week and for the most part the market lacked vigor so far as operations of buyers were concerned. Prices seemed to be generally steady and in line with the prevailing cost of replacements at the source.

Pineneedle.—Interest of buyers was somewhat improved. More selling was reported in a number of directions and prices showed a tendency to grow firmer throughout the entire period. No shading of quoted values was reported.

Rosemary.—Not much demand was current but the market remained steady to firm in keeping with the uncertainty surrounding future shipments of oil from the Spanish market. Present stocks on spot were conservative and held in firm quarters.

Sassafras.—Japanese competition continued to be keen and the fact that Japan needs credits in this country has made her a good seller of the item at fairly attractive prices.

Tansy.—Some quarters were entirely out of the market because of a lack of stocks. Those with supplies in hand reported such holdings to be meager. Production this year should be stimulated by the lack of normal carryover here and in the primary market. Prices were virtually nominal.

Ti Tree.—Cosmeticians are gradually finding the value of this article as a germicide and while sales have not been large, it has been said that there has been a small but steady increase in business. Prices were firm to steady.

Wormseed.—Undertones were generally steady. Carryover was expected to be conservative this year and goods still in the hands of the producers were fairly held for full prices. Demand was said to be very fair on the whole.

Aromatic Chemicals

Anethol.—The market was firmer in keeping with the continued advance in quotations on raw material. The tendency of anethol prices was upward and higher levels were expected to develop unless there shall be a substantial easing of the at present strong situation in anise oil.

Anisic Aldehyde. — Firmness and strength were outstanding in this material. Also, the element of stability was pronounced and with raw material growing steadily stronger prices on the derived product may ultimately show improvement, according to the trade.

Benzyl Compounds.—The group as a whole was steady as to price but prevailing demand was conservative at the best and variable from day-to-day within more than the normal limits. Buyers covered not more than their immediate requirements most of the time.

Cinnamic Aldehyde.—Quotations were lower at 85c. to 90c. per pound and demand was reported light throughout the entire period. Competition was more active and conditions seemed to be growing favorable for buyers with substantial requirements to cover.

Clycamen Aldehyde.—A spurt in demand resulted in rather more than a normal sale of this article in quarters specializing on the item. Prices secured last week were on the basis of $12 per pound.

Diphenyl Oxide.—Sales were mainly in moderate quantities covering the nearby requirements of smaller manufacturing consumers. Large users were believed to be holding fair-sized reserves. Prices were steady.

Eucalyptol.—Because of the low price and generally easy position of raw material, eucalyptol tended to move further in favor of buyers. Quotations were generally easy and oftentimes subject to shading.

Eugenol.—The market was lower at $1.90 to $2 per pound, even though business was fair in size. Competition was reported more aggressive, easing the market in favor of buyers.

Geraniol.—Not very active interest was shown in this article. Buying was mainly in jobbing quantities and the business was placed under fairly competitive conditions. However, open quotations lacked quotable change.

Geranyl Acetate.—Buyers were reserved. Most transactions covered immediate requirements which, on the whole, were conservative in size. Pricewise, the market was steady in the absence of aggressive competition.

Menthol.—The market moved up to $3.20 to $3.25 per pound, being mainly the result of a position being taken on the market following the floods that swept through Kobe, Japan, last week. Actual demand was not stimulated by the disaster, and for the most part the tendency of buyers was to discount the importance of the catastrophe.

Methyl Anthranilate.—Steady to firm prices and market undertones were the rule, and the situation was one of general stability on the spot. Demand was routine.

Vanillin.—Prices on this article were 10c. lower, the minimum figure being $2.15 per pound on, prevailing on vanillin made from either lignin or guaiacol. The article made from eugenol was priced at $2.25. The development was the result of extremely keen competition.

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Aromatic Chemicals Production: 1937

The United States production and sales of certain synthetic flavors and perfume materials in 1937, as reported by the Tariff Commission, follow:—

Of Coaltar Origin

	Production.	Sales		
	Pounds.	Pounds.	Value.	Unit value.
Acetophenone	16,585	.....	.....	...
Amyl cinnamic aldehyde	50,187	48,198	86,985	1.80
Amyl salicylate	46,500	46,170	22,331	.48
Benzyl benzoate	33,662	32,126	26,127	.81
Benzyl butyrate	236	178	260	1.51
Benzyl propionate	1,429	1,247	2,089	1.68
Benzyl salicylate	3,776	3,833	5,401	1.41
Cinnamic aldehyde	27,477	17,185	16,282	.95
Coumarin (synthetic)	216,767	186,325	488,939	2.62
Ethyl benzoate	1,797	1,653	1,620	.98
Ethyl salicylate	599	432	423	.98
Methyl acetophenone	4,280	2,864	3,374	1.18
Methylphenyl acetate	1,183	1,056	1,475	1.40
Methyl salicylate	1,677,329	1,538,599	497,504	.32
Musk ketone	.....	8,131	29,843	3.67
Musk xylol	56,741	55,945	60,765	1.09
Phenylethyl alcohol	107,320	137,091	251,973	1.84
Vanillin	368,330	370,930	1,213,052	3.27
Totals	4,347,569	3,898,593	$3,966,817	$1.02

Of Non-Coaltar Origin

Citral	27,963	24,733	38,254	1.55
Citronellol	15,319	11,083	16,354	1.48
Citronellyl acetate	38	22	62	2.82
Ethyl butyrate	38,611	36,483	23,846	.65
Ethyl oenanthate	4,773	4,526	3,416	.75
Ethyl oxyhydrate	15,779	13,652	9,494	.70
Geraniol	368,341	327,600	211,790	.65
Geranyl acetate	14,921	11,093	11,956	1.08
Geranyl formate	19	.....	.....	...
Heliotropin	41,884	.....	.....	...
Ionone	52,383	48,605	89,392	1.84
Isoamyl formate	552	310	282	.91
Isoamyl isovalerate	1,284	881	1,496	1.70
Isoeugenol	10,095	9,449	24,231	2.56
Linalyl acetate	5,873	3,679	8,010	2.18
Methyl ionone	32,892	26,780	68,018	2.54
Rhodinol	6,346	4,447	61,622	13.86
Terpineol	781,152	733,070	147,798	.20
Totals	1,792,793	1,550,525	$1,005,395	$0.65

S.B. Penick, Jr., Undergoes Minor Eye Operation

S. Barksdale Penick, jr., vice-president of S. B. Penick & Co., botanical drugs, this city, is confined in the Ophthalmic Institute, Medical Center, this city, where, July 7, he underwent an eye operation. Mr. Penick had been having vision trouble recently and, while of minor character, his physician advised that correction of the impairment be made promptly. He is a young man who is widely and favorably known wherever botanical drugs are collected, sold or consumed.

Louisville Production Club And Ass'n Hold Joint Outing

The Louisville Paint and Varnish Production Club and Louisville Paint Oil and Varnish Association held a joint outing and frolic at the Audubon Country Club, Louisville, June 24, with a total attendance of ninety-six, out of which approximately fifty took part in the golf tournament.

Clifford Lussky, of the Progress Paints Company, Louisville, won the low gross trophy and J. F. Kurfees, jr., of the J. F. Kurfees Company, won the low net. There were some twenty other prizes. In addition to golf, there was swimming in the club's large pool; also horseshoes, bridge, poker and what not, plus a big dinner in the evening.

Obituaries

Herbert Miller Armstrong

Herbert Miller Armstrong, research engineer of the Kellogg Switchboard & Supply Company, Chicago, died in Los Angeles June 23. He was forty-eight years of age.

Born in Scranton, Pa., Mr. Armstrong was educated at Pennsylvania State College, receiving his B.S. degree in 1914, and M.S. in 1918. He was assistant professor of electro-chemical engineering at Pennsylvania State College from 1914 to 1921. Surviving are his wife and daughter.

Prof. G. W. Cavanaugh

George W. Cavanaugh, who became professor emeritus of chemistry at Cornell University on his retirement June 29, died of heart disease July 1 at his home in Ithaca, N. Y. He was sixty-eight years old.

Prof. Cavanaugh entered Cornell in 1889, gave up his studies temporarily to become assistant chemist at the Cornell Experiment Station and obtained his degree of Bachelor of Science in 1896. In 1903 he became assistant professor of chemistry at the College of Agriculture and in 1909 was appointed professor. He had intended to devote his retirement to research in food production.

A daughter and a son survive.

John Joseph Harvey

John Joseph Harvey, one of the organizers of the Oil Creek Producing Company, Titusville, Pa., died in his home in Titusville, June 6. He was sixty-five years of age.

Surviving are his widow, the former Alice E. Seep, daughter of the late Joseph E. Seep, who was a pioneer in the Pennsylvania oil industry. Mr. Seep was connected with the original Standard Oil Company, having joined the company in 1871 when the organization with which he was affiliated, Bostwick & Tilford, was merged with the Standard company.

Charles N. Brady, co-founder and first president of the Hazel Atlas Glass Company, died in Washington, Pa., July 6. He was eighty-nine years old.

Edward S. Fitzgerald, merchandising manager for McKesson & Robbins, Inc., Langley-Michaels Division, San Francisco, Cal., died unexpectedly from a heart attack July 4 in that city. He is survived by a wife and three sons.

Maybelle Horlick Sidley, daughter of the late William Horlick, of the Horlick Malted Milk Company, died in Toronto, July 6.

Robert H. McElroy, vice-president of the Standard Oil Company of Indiana, died in Chicago, June 25. He was sixty-one years of age. Mr. McElroy has been affiliated with the oil company since 1906, becoming traffic manager in 1917, and in 1922 he was elected a director. Five years later he was made vice-president. Surviving are his widow, a son and a daughter.

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Petroleum Solvents, Lubricants, Fuels

Gasoline Storage Decreases Further—Mounting Fuel Stocks Cause Apprehension—Solvents Steady—Somerset Crude Price Reduced

Motor fuel demands were lively as the jobbers came into the market for replacements after what was probably a record breaking consumption over the preceding week-end. Stocks of gasoline decreased further, creating more of a balance against supply than at any previous time this season. The A.P.I. report of stocks for July 2 showed the storage at 80,634,000 barrels against 82,412,000 barrels in the preceding week and 74,964,000 barrels at this time a year ago. Increasing fuel oil stocks, however, is causing considerable apprehension and the storage of fuel oils has increased to 113,193,000 barrels against 81,413,000 barrels at this time a year ago. Gasoline prices continued to show strength; naturals were higher in the Midcontinent last week.

Petroleum products used as industrial raw materials moved toward consumption at a slightly faster pace. The improved activity and price position of the world commodity markets has kept the buyers close to the market to anticipate any increase in prices, but so far it has not stimulated consumption demands by more than a small amount. Solvents were moving a little faster in the East, but the consumption in the Middle West was light.

Daily average production of crude oil in United States for the week ended July 2 was 3,058,550 barrels, a decrease of 23,000 barrels from the revised estimate of the preceding week's output, according to the American Petroleum Institute. The output for four weeks ended July 2 was 3,102,200 barrels and the production at this time a year ago was 3,525,650 barrels. Runs of crude oil to stills were reported to the A.P.I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 2,796,000 barrels for 75.5 percent of refinery operation. An additional 299,000 barrels was estimated to have been sent to stills unreported for an estimated total daily average of 3,095,000 barrels against 3,025,000 barrels in the preceding week. The July 1937 average was 3,380,000 barrels.

The Texas Railroad Commission will meet July 18 to survey the state oil situation. It was expected that the matter of lifting the Sunday shut-down will be discussed.

Solvents and Diluents

The Midcontinent refinery market held a very firm position as a result of the improved market position of other refinery products. The middle Western market was steady and the Eastern refinery market has been favored by an improvement in the demands for consumption. Prices at the Eastern refineries were steady. The tankwagon markets throughout the East and mid-West were unchanged during the week.

Lacquer Diluents.—Manufacturing demands have improved a little, but the market was still described as having been rather slow. Pricewise the market was steady, and the Midcontinent refiners quoted 7⅜c. per gallon for tankcars, basis Group 3.

Petroleum Thinners.—Local refiners and marketers were still able to point to improved takings by the regular consumers. Prices seemed free from concession both in the tankcar and tankwagon markets. The Midcontinent market was also steady at the basis of 6⅜c. per gallon for tankcar lots, f.o.b. Group 3.

Rubber Solvents.—There has been very little indication of improvement in the tire manufacturers' needs of solvents. The trade was hopeful that the current spurt of activity in the securities and commodity markets would stimulate automobile purchases and broaden the equipment demand for tires.

Stoddard Solvent.—Local demands have been fairly good, and the tankcar movement was also described as having been fair by comparison with recent weeks. Prices in the East Coast and Midcontinent refinery markets continued unchanged.

V. M. & P. Naphthas.—Deliveries were heavier in the Eastern market last week. Sellers had opened the week with a fair number of orders that were placed in June with specification for delivery after the June 30 inventories were out of the way. Prices continued unchanged at all refinery points.

Markets at Other Centers

Chicago, July 7.—The petroleum diluent and solvent business remains slow and quiet, with the price structure reported fairly firm in most cases. Tone of the market is said in some quarters to have been aided by the fact that gasoline and crude have shown a better market condition recently. Inquiries for cleaners' naphtha have shown some pick-up. Paint industry buying is fair. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4⅝c. to 4¾c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.5c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 16.2c., tankwagon; V.M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, July 7.—There was a better tone in the solvents market as more industrial inquiries were received. The cleaners remains at 6⅜c. per gallon while Stoddard was 5⅞c. per gallon.

Lighter Fractions

The producers have not reported any change in their price schedules, but the basic structure of the light hydrocarbons has doubtless been strengthened by the improvement in the market for natural gasoline. The most recent reports on the condition of the demand side of the market indicated that the takings by the industrial users were still routine.

Butanes.—Conditions surrounding the market were unchanged. The price for tankcar quantities of material testing 16-34 degrees continued at the long-standing basis of 3¾c. per gallon, basis Group 3.

Hexanes.—While no change in prices has been reported by the sellers, the continued strength of the natural gasoline market has given sympathetic strength to this material. Prices were based at 10½c. per gallon for tankcars of the normal grade, f.o.b. Group 3.

Propane.—There were no reportable features in the market last week and prices remained at the levels that have been in force for some time.

Petrolatums and Waxes

White Mineral Oils.—The market's performance last week was routine. There were some small improvements in the volume moving toward consumption, but they were widely scattered. The spurt of activity in general commodity markets, however, has created a better buying attitude. Prices continued in an unchanged position.

Paraffin Waxes.—The scale wax market held firmly at the basis of 2.20c. per pound for either 122-124 or 124-126 A.m.p. Some sellers quoted 2¼c. per pound. Export buying interest was fair and the buyers were keeping close to the market, apparently ready to cover if the price should start to move up further. The fully refined waxes continued at the levels that were established last month, and the domestic buyers were mildly active in the market. Contract deliveries were small.

CHICAGO, July 7.—The refined wax market is quiet, with prices holding at recently reduced levels, without attracting much new buying interest. Some sellers say they feel the price structure now is well adjusted to conditions which brought about the recent cut. Buying is mostly for early shipment. Ruling prices are:—122-124, 4.25c. to 4.30c. per pound; 125-127, 4.35c. to 4.40c.; 127-129, 4.45c. to 4.50c.; 130-132, bulk or bag, 5.10c. to 5.15c.; 132-134, bulk or bag, 5.35c. to 5.40c.

TULSA, July 7.—The market continued active with a strong tone in all grades. There has been a substantial demand for export this week. Quotations are firm at 2c. to 2¼c. per pound for the 124-26 America crude.

Petrolatums.—The market's position was not much changed from a week ago. Prices were steady albeit there have been some reports of competitive selling in the export market during recent weeks. Domestic demands were moderate.

Fuels and Lubricants

The East Coast gasoline market retained the added strength of the preceding week. Jobber purchasing was quite active as a result of the heavy consumption over the Independence Day holiday. The sellers in the tankcar market were slowly moving toward the recently advanced prices that were posted by some of the larger refiners and the continued decrease of storage stocks has placed the market in its best balanced position so far this year. The increasing storage of fuel oils is the only blemish in the current market picture.

Tankwagon Price Changes

ARKANSAS, LOUISIANA, TENNESSEE:—Effective July 7, the Standard Oil Company of Louisiana advanced tankwagon gasoline prices 1c. per gallon in Arkansas, Louisiana and Tennessee.

KANSAS CITY:—Effective July 2, the Standard Oil Company of Indiana reduced tankwagon kerosene prices from 9.8c. to the basis of 8½c. per gallon at Kansas City, Mo.

Market Conditions

Gasoline.—While there was still some 65 octane material available in the local bulk market at 6¾c. per gallon, the market was posted at higher levels. Reduced storage stocks and greater seasonal consumption has improved the position of the market measurably and gradually the sellers seem to be moving toward the postings of some of the larger refiners which were 7¼c. per gallon for 60-65 octane and 7½c. per gallon for the higher octane rating. The statistics for the week ended July 2 showed another substantial drop in the amount of gasoline in storage when the A.P.I. figure declined to 80,634,000 barrels against 82,412,000 barrels in the preceding week. The stocks at this time a year ago were 74,964,000 barrels. Observers of the market figure that the July 9 figures will register another drop in stocks as a result of what was probably record-breaking consumption over the preceding week-end. The export market at the U. S. Gulf continued firm at the recently advanced prices.

Kerosene.—This commodity dragged through last week in seasonally dull fashion. The 5¾c. per gallon prices for tankcar quantities of 41-43 water white material at the refineries was a weak one and buyers could shade the price. The export market at the U. S. Gulf held at 3⅞c. per gallon for prime white and 3⅞c. to 4c. per gallon for water white.

Fuel and Gas Oils.—Stocks climbed higher to the topheavy figure of 113,193,000 barrels on July 2 against the preceding week's total of 112,458,000 barrels. Stocks at this time a year ago were only 81,413,000 barrels. While much of the increased storage was assumed to be in the form of residual oil, the topheavy supply situation is of grave concern to the security of the market. There has been no further change in the price of bunker oil. Diesel oil was also unchanged.

Lubricating Oils.—The Pennsylvania bright stock market was firm at 16c. per gallon including tax. The neutrals were also in a firm position but the cylinder oils had a rather sloppy market appearance. There was not much export trading in the lube market last week.

Crude Oil Price Changes

Western Kentucky

Effective July 1, Ashland Oil & Transportation Company reduced the price of Somerset grades of crude oil 10c. per barrel. The new prices are $1.32 per barrel for Big Sandy River production and $1.40 per barrel for Kentucky River production. The last preceding market change for Somerset grade was an advance of 12c. per barrel on January 28, 1937.

Markets at Other Centers

Tulsa, July 7.—Another burst of buying in natural gasolines throughout the Midcontinent carried quotations in this department from one-eighth to three-eighths of a cent higher. Thus came the long expected seasonal advance which was overdue. Strength in this department outran the motor fuels, which, however, were heavily bought during midweek as jobbers began to replenish stocks depleted by the holiday consumption.

It was predicted in the trade that a rise of probably one-half cent a gallon in the

Outputs and Quotas

A comparison of Bureau of Mines calculations for July production, State allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended July 2 follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	518,400	428,000	376,550
Kansas	172,300	165,000	143,150
Texas	1,360,300	†1,602,086	1,192,450
Louisiana ..	260,600	249,725	263,650
Arkansas ...	51,000	.....	51,100
Eastern	149,700	.....	145,400
Michigan ...	56,400	.....	53,450
Wyoming ...	55,500	.....	61,100
Montana	13,500	.....	13,650
Colorado	5,200	.....	3,750
New Mexico.	112,900	101,600	91,200
California ..	642,300	‡620,000	663,100
Totals	3,398,100	.....	3,058,550

* These are Bureau of Mines' calculations of the demand for domestic crude oil based upon certain premises outlined in its detailed forecast for the month of July. As demand may be supplied either from stocks or from new production, contemplated withdrawals from crude oil stocks must be deducted from the Bureau's estimate of demand to determine the amount of new crude oil to be produced.

† Effective July 1. Sunday shut-downs continued through July.

‡ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

Somerset grades of crude oil were lowered 10c. per barrel. Gasoline prices were firm at all refinery centers. Tankwagon prices advanced in Arkansas, Louisiana and Tennessee.

	July 8	July 1	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.26	$1.27	$1.399
Gasoline prices at refineries (at four refining centers), per gallon	.050625	.050625	.056375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938 Jan. 1-July 9	1937 Jan. 1-July 9
Commercial crude oil production	626,580,000	642,684,000
	Week ended July 9, 1938	Week ended July 10, 1937
Daily average production	3,044,500	3,520,000
	Week ended July 2, 1938	Week ended June 25, 1938
Estimated motor fuel stock total	80,634,000	82,412,000
Estimated finished motor fuel stock at refineries	46,386,000	47,880,000

naturals market would not be out of line this month. The chief interest appeared to be in the 12-pound material with an octane and an end point similar to a motor fuel. However, the product is scarce and more than one manufacturer is holding for higher prices. The output of one company for half of July was sold in one day this week.

Although unusual, a buying spurt also developed in gas oils and some distillates. There were large inquiries for the U.G.I. product which advanced ¼c. per gallon to 3c. per gallon, the highest point of the year and practically the only product selling at the equivalent of last year's quotations.

One integrated refiner seeking several trainloads of gas oil was able to buy only five cars, it was reported in the trade. The increasing use of polymerization plants and other processes which crack all of the constituents, leaving only fuel oil or coke, has greatly reduced the supply of gas oil this year. One large company in East Texas will have no production of gas oil at all this year.

GASOLINE.—U. S. motor low octane is 4½c. to 4¾c., while the 63-66 octane is 4¾c. to 5c. per gallon. The higher grades of 67-69, 5c. to 5¼c.; house brand, 70-72, 5¼c. to 5½c. per gallon.

NATURAL GASOLINE.—The 26-70 basic grade rose to 2¼c. in Texas and 2⅜c. in Oklahoma. The market was very strong and further advances were looked for. The 18-pound grade was 2⅝c. to 2¾c. a gallon and the active 12-pound grade was 3¼c. to 3½c. per gallon.

KEROSENE.—The product has turned very weak, being offered freely at 3¾c. per gallon for the 41-43 grade. The 42-44 grade is also available at the same price in many areas, although contract prices are being maintained fairly well.

DISTILLATES.—The U.G.I. gas oil was available at 2¾c. a gallon a week ago but is now quoted at 3c. per gallon. Buyers are bidding this price and finding orders unfilled. The zero grade is quoted at 3¼c. per gallon. The No. 1 prime white distillate is weak at 3⅝c. per gallon, while the 36-38 is 3½c. per gallon and the 32-36 at 3½c. per gallon.

FUEL OILS.—This department continues to be the weakest of the list. Residuals are being freely offered in East Texas at 50c. per barrel. Some refiners are attempting to maintain quotations but are finding no outlet. Some distress material is still available at 37½c. per barrel. The 24-28 low cold test is $1 per barrel, while the high cold test is 75c. to 85c. per barrel.

Chicago, July 7.—With all reports indicating that Fourth of July holiday gasoline demand was unusually large, the oil trade understands that consumption is running at a high rate. Weather has turned a little more favorable lately. Some spot market buying is reported continuing, while contract business has been at a high rate. Farm demand for various grades of motor fuel has been quite good. Retail price cutting in many areas is a disturbing factor at present. Kerosene and tractor fuel movement has been at relatively high levels. Domestic fuel oils are beginning to attract more attention, with some inquiries reported. Heavy fuel oils are not much changed, although tone may be better. Lubricants are quiet.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; 63-66 octane motor, 5c. to 5⅛c.; 67-69 octane motor, 5¼c. to 5⅜c.; regular grade, 5½c. to 5⅝c.

KEROSENE.—42-44, water white, 4½c. to 4⅝c.; 41-43, water white, 4¼c. to 4⅜c.

FURNACE OILS.—Range oil, 3⅞c. to 4⅛c. per gallon; No. 1 white, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, July 5.—U. S. motor gasoline was quoted at 6⅛c.; below 62 octane, 6⅛c.; 63-67 octane, 6⅜c., and 68-70 octane, 6¾c.—all per gallon at refinery.

Kerosene remained steady at 7⅝c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity were quoted at $1.46 per barrel, delivered.

Petroleum Cracking Patents Adjudicated

—*Continued from page* 3

affirmed a decision of the Patent Office awarding to Jean Seguy priority of invention of a process for cracking oil. Two counts were involved, both relating particularly to a process of drying oil vapors by suddenly reducing the pressure on them.

The appellant was Arthur E. Pew, who had filed an application for a patent on a similar process November 9, 1929, and had been granted a patent May 23, 1933. Seguy had filed application December 27, 1927, and a renewal of the application December 3, 1931. Subsequent to the issuance of the patent to Pew, Seguy copied claims 1 and 2 thereof in the ex parte prosecution of his application. These claims correspond to the counts in issue, and the question before the court was whether Seguy had the right to make the claims constituting the counts in issue.

The appellate court also has affirmed lower tribunals in the Patent Office in awarding Lev A. Mekler a patent for a process for cracking petroleum, contested by Orin G. Kaasa. Both men filed applications in the Fall of 1932 and both claimed priority of conception and of reduction to practice. The process involved shielding a portion of the heating conduit through which petroleum stocks were passed in order to lower its temperature in the section where vaporization takes place.

W. H. Correa of the Socony-Vacuum Oil Company, this city, has been appointed chairman of the lubricating oil committees of the American Petroleum Institute's division of marketing. L. C. Welch, of the Standard Oil Company of Indiana, Chicago, has been named vice-chairman.

Maragarin Manufacturing Operations Off in May

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in May, 1938, compared with May, 1937, as follows:—

	Pounds	
	May, 1938.	May, 1937.
Total production of uncolored oleomargarin..	*28,377,717	†28,611,770
Total withdrawn tax-paid	28,715,892	28,794,142

Ingredients used in the production of colored and uncolored margarin in May, 1938, compare with May, 1937, as follows:—

In Uncolored Margarin

	Pounds	
	May, 1938.	May, 1937.
Babassu oil	684,246	2,613,413
Coconut oil	7,706,158	4,079,470
Corn oil	11,461	117,312
Cottonseed oil	9,939,309	12,515,022
Derivative of glycerin	79,359	86,214
Lecithin	6,425	1,883
Milk	5,478,801	5,212,170
Neutral lard	109,285	147,227
Oleo oil	1,335,924	1,094,898
Oleo stearin	273,562	274,819
Oleo stock	151,392	113,040
Palm oil	.....	153,175
Palm kernel oil	469,926	832,766
Peanut oil	256,795	188,638
Rice oil	18,260	.....
Salt	1,163,317	1,237,626
Soda benzoate	10,557	11,583
Soybean oil	2,045,934	1,486,198
Vitamin concentrate	1,151	.....
Totals	29,741,802	30,165,454
Total production of colored oleomargarin	‡122,361	128,744
Total withdrawn tax-paid	38,340	55,998

In Colored Margarin

Babassu oil	.....	3,163
Coconut oil	53,024	14,364
Color	129	129
Corn oil	2	687
Cottonseed oil	18,482	41,671
Derivative of glycerin	290	227
Lecithin	2	.....
Milk	29,911	31,968
Neutral lard	5,055	3,253
Oleo oil	17,965	26,724
Oleo stearin	1	525
Oleo stock	246	2,253
Palm oil	.....	3,850
Palm kernel oil	234	1,512
Peanut oil	69	5,417
Salt	6,378	8,447
Soda benzoate	74	37
Soybean oil	7,354	4,028
Totals	139,216	148,255

* Of the amount produced, 20,573 pounds were reworked.
† Of the amount produced, 14,289 pounds were reworked.
‡ Of the amount produced, 127 pounds were reworked.

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Fertilizer Materials

Fair Buying Response to New Nitrogen Schedules—Cyanamid Prices Extended for New Season—Organics Continue Strong—Potash Bookings Smaller

Digest of the mineral ammonia schedules for the new season and rising commodity markets kept the fertilizer producers close to the raw materials markets last week. The early buying response to the new nitrogen schedules was fairly good. Nine-cent cotton fostered a more cheerful buying attitude albeit there were many skeptics over its ability to hold. Some of the keener buyers were hesitant to book beyond a portion of usual needs for the season because of an almost complete lack of indicators as to what the season's tonnage will approximate. Conservative operators are apprehensive over the life of the current spurt in commodity market activity and prices.

Last week's price developments included the news that bulk cyanamid prices were extended without change for the new season. Prices for fertilizer grade ammonia phosphate (11-18) were also extended without change through June. Nothing has been heard as yet on cal-nitro 20½ percent but it was expected that prices would appear presently.

The potash bookings under the maximum discount allowance which expired on the first of the month were smaller than the tonnage booked at the early discount last season. The arrival of another cargo of Spanish material at Savannah was reported.

Organic ammonias continued to point toward higher price levels and while there was still a fair measure of activity reported in spots, the volume was not so heavy as a week ago.

Fertilizers are included in a list of commodities which may be declared to be essential commodities in time of war in proposed British legislation. A bill would empower the Government to create stocks of essential commodities for civilian use. Fertilizers have been included in the list on the ground that one of the primary requisites in the event of war would be increased home production of food supplies. A sufficient stock of fertilizers available for agriculture in the event of an emergency would be one of the important factors in increased production, according to the proponents of the legislation.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, dom., 3 and 50, Chicago, $2 per ton.
Tankage, dom., Chicago, fert. grade, 10c. per unit-ton.
New York, 15c. to 25c. per unit-ton, import., 10c. per unit-ton.

Reduced

None

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.7	66.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—As reported here last week, the sellers are offering for July only. The July prices are the same as those that prevailed during the latter part of last season, viz., $27 per ton in bulk, $28.30 per ton in 200-pound bags and $29 per ton in 100-pound bags, f.o.b. cars. A fair interest for dressing purposes was evidenced in the South but elsewhere the market was quiet and the sellers were not pressing to move material under their present July offering.

Sulphate of Ammonia.—There was a fairly good buying response to the new prices that appeared two weeks ago. Many buyers booked for substantial portions of their estimated requirements for delivery during July and August at respective prices of $26.50 and $26.75 per ton at the ports, or $1 per ton less at inland ovens, thus averaging up their costs against their own physical and financial considerations. Motivated perhaps by rising commodity costs, buying interest was considerably broader than some of the sellers had expected. The price schedule is as follows:—July, 1938, shipment, $26.50 per ton; August shipment, $26.75; September shipment, $27; October shipment, $27.25; November shipment, $27.50; December shipment, $27.75; and January-June, 1939, shipment, $28 per ton of 2,000 pounds, in bulk, basis f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than aforementioned prices f.o.b. cars nearest inland producing ovens, whichever is lower to destination. These prices apply in bulk only and for shipment to fertilizer manufacturers' plants for their own use and consumption. Prices are subject to change without notice.

Cyanamid.—Sellers repeated last season's price of $1.15 per unit of ammonia for pulverized material, in bags, delivered. Contracts were offered at this level extending through June, 1938.

Castor Pomace.—Recent nominal quotations of $19 per ton for foreign pomace were no longer available in the market and the price was now $20 per ton, c.i.f.

Dried Blood.—Imported material sold at the recently advanced price of $3.20 per unit. Although the latest sale of local production in the New York market was at $2.75 per unit, there were no offerings last week below the $3 per unit mark. Holders were very firm in their demands for that figure. Some grades in Chicago were reported offering at $2.60 per unit, but the best price obtainable for shipment out of Chicago was $2.75 per unit.

Fish Scrap.—The Chesapeake menhaden market held firm at the recently advanced price of $3 and 10c. per unit-ton, f.o.b. factories, for futures, basis when-and-if-made. Japanese sardine meal was very quiet and the price for shipment from the Orient remained at $42 per ton, c.i.f. with very little buying interest shown. The spot market for this product was more or less nominal around $44 to $45 per ton.

Nitrogen Solution — The contract price for this liquid ammoniate was named at $1 per unit of ammonia, f.o.b. Atlantic and Gulf ports.

Nitrogenous Material.—Virtually all of the domestic suppliers were out of the market. Sellers out of Carrollville reported they were unable to offer at this time. The markets at Carteret and Norfolk were also bare of offerings.

Tankage.—Imported material was 10c. higher at $3.10 and 10c. per unit-ton subject to confirmation. In the New York market, ground material was advanced 15c. to the basis of $2.75 and 10c. per unit-ton, while the unground product was also posted at $2.75 and 10c. per unit-ton. Fertilizer grade material in Chicago was 10c. higher than in the preceding week with $2.50 and 10c. per unit-ton quoted.

Potashes

The bookings placed under the maximum discount allowance, which expired July 1, were not as great as the bookings under the maximum discounts last year. Buyers had a carry-over from a year ago and while the early sales were not expected to reach last season's early bookings, the sellers seemed to be fairly pleased with the tonnage considering present economic conditions.

The best available discount now is 5 percent, which is allowed on orders placed prior to October 1 for spot delivery or for delivery in approximately equal monthly quantities through December. List prices will prevail on orders placed after October 1.

An 8,000 ton cargo of Spanish muriate arrived in Savannah last week. Inasmuch as previous lots of Spanish material were attached when they arrived here it might be that this lot will also face litigation, but that is merely a trade presumption. How much more potash the Loyalist side will be able to deliver here this season is not known. According to information in the market here the current lot and the previous cargoes were drawn from warehouse stocks in Barcelona and did not represent current mine production. So far as can be learned the two Spanish mines are not in production now as the Franco forces are understood to be only a few miles away from the location of the mines.

Phosphates

As reported a week ago, superphosphate manufacturers were booking contracts for the full season at a reduction in price from last season's level. Last week's feature development was the news that prices for ferilizer grade ammonia phosphate, testing 11-18, were repeated for the 1938-1939 season.

Bone Materials.—The price for 3 and 50 meal in Chicago was higher again last week with quotations at $22 to $23 per ton, a gain of $2 per ton over the preceding week.

Ammonia Phosphate.—Producers of the fertilizer grade of crude monobasic material testing 11 percent nitrogen and 18 percent phosphate repeated last season's price of $1.20 and 70c. per unit-ton, for car lots, in bulk, f.o.b. Eastern producing point. Contracts were being offered at this level through June, 1938.

Sulphur and Pyrites

While last week's sulphur market did not experience any further pick-up of shipping orders, sellers reported some increase in the placement of advance orders. Paper mill operators were reported to have placed some orders for forward shipment, evidently with an eye to stepping up the production schedules in the coming few weeks.

The Department of Commerce reported that pyrites exports from Portugal totaled 513,279 metric tons in 1937 against 346,167 metric tons in the preceding year. And, in the initial quarter of 1938, exports were 125,609 metric tons. Because of the Spanish civil war, Portugal has been favored with additional foreign business and one of the principal producers has worked off practically all of its mined inventory and soon all of the pyrites shipments by this producer will be newly mined material.

Markets at Other Centers

Atlanta, July 7.—Some trading is reported in fertilizer materials going into base goods. Among the organic ammoniates used, cottonseed meal has been most in demand in the South. Interest in sulphate of ammonia, under the new price schedule, is reported more active than for several weeks, while nitrate of soda is still in demand for crop top-dressings. Sales of nitrogenous f.o.b. midwest producing points are reported to have been made in recent days at $2.25 per unit, while foreign nitrogenous is offered at ports at $2.50 to $2.60 per unit.

Fish scrap at South Atlantic coast points is reported well sold up and scarce. No new prices for superphosphate have been announced for the South though in some sections of the country prices have been issued.

Crop conditions are reported slightly improved as rains ceased long enough for weeding. Cotton boll weevils are reported more menacing than usual. Peaches, melons and truck crops, under which a large amount of fertilizers have been used, are bringing low prices.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—No new prices announced here.

NITRATE OF SODA.—$27 per ton, port basis, effective for July.

SULPHATE OF AMMONIA.—$26.50 per ton, port basis; $25.50 interior producing plants.

COTTONSEED MEAL.—7 percent grade, $23 to $23.50 per ton, interior mills.

BLOOD.—$2.90 per unit, Chicago basis; $3.30 coast points.

TANKAGE.—$2.40 and 10c. per unit, basis Chicago.

NITROGENOUS.—$2.25 per unit, Midwest; foreign, $2.50 to $2.60, port basis.

FISH.—Acidulated scrap, Atlantic coast points, $2.50 and 50.

Baltimore, July 7.—Crude fertilizer materials were quiet. Quotations were as follows:—

FISH SCRAP. — The Chesapeake menhaden catch continued light. No further sales of unground were reported with the market at $3 and 10c. per unit-ton, at factory. Menhaden meal in carload lots was held at $46 per ton for July-August shipment, with Japanese sardine meal at $42 per ton for July-August.

TANKAGE. — The figures asked were $2.50 and 10c. per unit-ton for unground and $2.75 to $2.90 and 10c. per unit-ton for ground.

BLOOD.—$2.75 per unit-ton, c. a. f. basis Baltimore.

SUPERPHOSPHATE.—$7.50 per ton for 16 percent run of pile and $8 per ton for 16 percent guaranteed.

BONE.—$19.50 per ton for 1 and 60; $22 per ton for 3 and 50 ground steamed and $25 per ton for 4½ and 50 ground raw.

Chicago, July 7.—Tone is definitely stronger in the general fertilizer materials market. Sellers are taking a much stronger pricing position, and buyers are finding it necessary in most cases to come to the sellers' views on organics and such items. Movement is quite good, but there is a definite limit to the amount of material available, it appears. Blood is closely held and is bought in moderate quantities. Tankage business has been picking up a bit here and there. Bone materials are unchanged to slightly higher in price, but in most instances tone is firmer.

BLOOD.—Principal grade, $2.60 to $2.70 per unit of ammonia.

TANKAGE.—High grade, ground, $2.40 to $2.50 and 10c.; low grade, $16 to $17; hoof meal, $2.25 to $2.50; liquid stick, $1.95 to $2.05.

—*Continued on page 60*

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

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Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

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Six-hundred-first Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ammonium Sulphamate

Miscellaneous

Flameproofing agent for—
Combustible materials (said not to cause stiffening or otherwise adversely affect handling or feel of material treated; also said to show no tendency to effloresce to the surface upon prolonged storage and not to be removed by dry-cleaning treatments)

Paper

Flameproofing agent for—
Paper Paper products

Textile

Flameproofing agent for—
Fabrics Yarns

Cyclohexyl Citrate

Ceramic

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Solvent and plasticizer (Brit. 431565) for—
Cellulose esters and ethers

Cosmetic

Plasticizer (Brit. 431565) in—
Nail enamels and lacquers containing cellulose esters as a base material

Electrical

Plasticizer (Brit. 431565) in—
Insulating compositions, containing cellulose esters, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for decorating and protecting glassware

Glue and Adhesives

Plasticizer (Brit. 431565) in—
Adhesives compositions containing cellulose esters or ethers

Leather

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of artificial leathers and as coatings for decorating and protecting leathers and leather goods

Metal Fabricating

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 431565) in—
Coating compositions, containing cellulose esters or ethers, used for protecting and decorating various articles

Paint and Varnish

Plasticizer (Brit. 431565) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose esters or ethers

Paper

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated papers and as coatings for decorating and protecting products made of paper or pulp

Photographic

Plasticizer (Brit. 431565) in making—
Films from cellulose esters or ethers

Plastics

Plasticizer (Brit. 431565) in making—
Laminated fiber products
Molded products
Plastics from or containing cellulose esters or ethers

Resins

Plasticizer (Brit. 431565) in making—
Artificial resins from or containing cellulose esters or ethers

Rubber

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used as coatings for protecting and decorating rubber goods

Stone

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used in the manufacture of coated fabrics

Wood

Plasticizer (Brit. 431565) in—
Compositions, containing cellulose esters or ethers, used as protective and decorative coatings on woodwork

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Dibetamethoxyethyl Phthalate

Ceramic

Plasticizer (Brit. 417121) in—
Compositions, containing cellulose acetate, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (Brit. 417121) for—
Cellulose acetate

Cosmetic

Plasticizer (Brit. 417121) in—
Nail enamels and lacquers containing cellulose acetate as a base material

Electrical

Plasticizer (Brit. 417121) in—
Insulating compositions, containing cellulose acetate, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (Brit. 417121) in—
Compositions, containing cellulose acetate, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Glue and Adhesives

Plasticizer (Brit. 417121) in—
Adhesive compositions containing cellulose acetate

Leather

Plasticizer (Brit. 417121) in—
Compositions, containing cellulose acetate, used in the manufacture of artificial leathers and as coatings for protecting and decorating leathers and leather goods

Metal Fabricating

Plasticizer (Brit. 417121) in—
Compositions, containing cellulose acetate, used as coatings for protecting and decorating metallic articles

Miscellaneous

Plasticizer (Brit. 417121) in—
Coating compositions, containing cellulose acetate, used for protecting and decorating various products

Paint and Varnish

Plasticizer (Brit. 417121) in—
Paints, varnishes, lacquers, enamels, and dopes containing cellulose acetate

Paper

Plasticizer (Brit. 417121) in—
Compositions, containing cellulose acetate, used in the manufacture of coated papers and as coatings for protecting and decorating articles made of paper or pulp

Photographic

Plasticizer (Brit. 417121) in making—
Films from cellulose acetate

Plastics

Plasticizer (Brit. 417121) in making—
Laminated fiber products
Molded products
Plastics from cellulose acetate

Resins

Plasticizer (Brit. 417121) for—
Resin-cellulose derivative compositions and solutions

Rubber

Plasticizer (Brit. 417121) in—
Compositions, containing cellulose acetate, used as coatings for decorating and protecting rubber goods

Stone

Plasticizer (Brit. 417121) in—
Compositions containing cellulose acetate, used as coatings for decorating and protecting artificial and natural stone

Textile

Plasticizer (Brit. 417121) in—
Compositions containing cellulose acetate, used in the manufacture of coated fabrics

Wood

Plasticizer (Brit. 417121) in—
Compositions, containing cellulose acetate, used as protective and decorative coatings on woodwork
Plastic compositions, containing cellulose acetate, used for many fillings and repairing purposes on wood

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Difluorobutane

Insecticide and Fungicide

Fungicide (Brit. 458179)
Insecticide (Brit. 458179)

Gamma-4-isoamylcyclohexylbutyric Acid

Chemical

Wetting agent (Brit. 449865) in—
Emulsions of various chemicals
Textile lubricants

Cosmetic

Wetting agent (Brit. 449865) in various cosmetic preparations

Disinfectant

Wetting agent (Brit. 449865) in—
Disinfecting compositions
Germicidal compositions

Dye

Wetting agent (Brit. 449865)

Fats, Oils, and Waxes

Wetting agent (Brit. 449865) in—
Boring oils
Drilling oils
Greasing compositions
Lubricating compositions
Sulphonated oils
Wax preparations
Wire-drawing oils

Glue and Adhesives

Wetting agent (Brit. 449865) in—
Adhesive preparations

Ink

Wetting agent (Brit. 449865) in—
Printing inks
Writing inks

Insecticide

Wetting agent (Brit. 449865) in—
Fungicidal compositions
Horticultural sprays
Insecticidal compositions

Leather

Wetting agent (Brit. 449865) in—
Dressing compositions
Fat-liquoring compositions
Finishing compositions
Soaking compositions
Softening compositions
Tanning compositions
Waterproofing compositions

Miscellaneous

Modifier (Brit. 449865) of—
Surface tension of liquids in various products and processes
Wetting agent (Brit. 449865) in—
Polishing compositions for furniture, automobiles, metals, wood
Various processes involving aqueous solutions, such as soaking, washing, impregnating, penetrating, wetting
Waterproofing compositions

Paint and Varnish

Wetting agent (Brit. 449865) in—
Lacquers Varnishes
Paints

Paper

Wetting agent (Brit. 449865) in—
Sizing compositions
Waterproofing compositions
Waxing compositions

Petroleum

Wetting agent (Brit. 449865) in—
Cutting oils
Mineral oil compositions
Pitch compositions
Tar compositions

Rubber

Wetting agent (Brit. 449865) in—
Cements

Soap

Wetting agent (Brit. 449865) in—
Detergent compositions
Textile soaps

Textile

Bleaching

Wetting agent (Brit. 449865) in—
Bleaching baths

Dyeing

Wetting agent (Brit. 449865) in—
Dye baths

Finishing

Wetting agent (Brit. 449865) in—
Coating compositions
Scouring compositions
Sizing compositions
Washing compositions
Waterproofing compositions
Waxing compositions

Manufacturing

Wetting agent (Brit. 449865) in—
Bowking baths
Carbonizing baths
Degreasing compositions
Degumming and boiling-off baths
Fulling baths
Kier-boiling baths
Mercerizing baths
Oiling compositions
Soaking baths
Spinning compositions

Printing

Wetting agent (Brit. 449865) in—
Printing pastes

Trimethyl-Tin-Diphenyl-Thallium Compound

Lubricant

Addition agent (Brit. 445813) in—
Lubricants for motors, turbines, flushing, and high-temperature work generally

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New York Imports

ACID, ACETIC — 2 cs, American Banker, London
ADIPIC — 50 cks, 11,950 lbs, E I duPont de Nemours Co, President Harding, Hamburg
CRESYLIC — 47 dms, Laconia, Liverpool
FATTY — 1 cs, Rutger, Bleecker & Co, Volendam, Rotterdam
STEARIC — 25 bgs, Jungmann & Co, Volendam, Rotterdam
50 bgs, Strohmeyer & Arpe Co, Volendam, Rotterdam
90 bgs, M J Corbett & Co, Black Eagle, Rotterdam
ALKANIT ROOT — 8 bls, F W Mead & Co, President Harding, Hamburg
ALOE — 50 cs, Selma Mercantile Corp, Santa Elena, Curacao
ALUMINUM LEAF — 5 cs, Rohner, Gehrig & Co, Queen Mary, Southampton
POWDER — 25 dms, T D Downing & Co, Hansa, Hamburg
ANISE — 69 bgs, Heimgar, Marseilles
170 bgs, 10 tons, 3 cwt, 26 lbs, Laconia, Liverpool
ANTIMONY METAL—205 cs, American Smelting & Refg Co, Agwistar, Tampico
REGULUS — 250 cs, President Harrison, Hongkong
ARROWROOT — 200 bbls, 200 bgs, Morningstar-Nicol, Nerissa, St Vincent
ARSENIC, WHITE POWD — 100 dms, Industrial Sales Corp, Olga S, Antwerp
ARTIST'S MATERIAL — 4 cs, Winsor & Newton, Britannic, Liverpool
4 cs, Gallagher & Ascher, Volendam, Rotterdam
ASBESTOS — 20 bgs, Johns Manville Corp, Robin Gray, Capetown
BABASSU KERNELS — 10,248 bgs, General Food Corp, Bonheur, Maranhao
250 bgs, General Food Corp, Clement, Parnahyba
BARK, MEDICINAL — 7 bls, Cohen & Co, Munargo, Nassau
BARYTES — 3 cars, United Color & Pigment Co, Seatrain New York, Havana
2 cars, P E Schundler Co, Seatrain New York, Havana
BONES — 1 car, Geck Trading Corp, Seatrain New York, Havana
BRISTLES—25 cs, S Hirshenhorn & Son, Noto, Dairen
22 cs, Iwai & Co, Noto, Kobe
1 cs, M Broverman & Son, American Banker, London
22 cs, Iwai & Co, Kiyosumi, Kobe
66 cs, S Hirshenhorn & Son, Kiyosumi, Kobe
19 cs, Chesnut, Cooper & Co, Queen Mary, Southampton
23 cs, Globe Shipping Co, Hansa, Hamburg
8 cs, Bank of London-South America, Collamer, Havre
1 cs, Majestic Shipping & Forwarding Co, Batory, Gdynia
3 cs, Chase National Bank, Black Eagle, Antwerp
4 cs, Black Eagle, Antwerp
BRONZE POWDER—22 dms, Phoenix Shipping Co, Hansa, Hamburg
1 cs, T D Downing & Co, Hansa, Hamburg
CACTUS—16 cs, Chiriqui, Kingston
CALCIUM, METAL—35 cs, C Hardy, Heimgar, Marseilles
NITRATE—508,000 kilos, Synthetic Nitrogen Prod Corp, Uddeholm, Heroen
TARTRATE—100 bgs, Standard Brands, Exochorda, Marseilles
CANARY SEED—1,124 bgs, A G Dunn, Nordkap, Buenos Aires
498 bgs, Western Prince, Buenos Aires
CARAWAY SEED—100 bgs, 11,000 lbs, M Witsenberg, Olga S, Rotterdam
250 bgs, 27,500 lbs, Levy & Levis, Volendam, Rotterdam
100 bgs, 11,000 lbs, Durkee Famous Foods, Volendam, Rotterdam
100 bgs, 11,000 lbs, M Witsenberg, Volendam, Rotterdam
100 bgs, 11,000 lbs, C M Van Sillevoldt, Volendam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Volendam, Rotterdam
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Black Eagle, Rotterdam
CARDAMOM—40 cs, American Banker, London
CAROB FLOUR—50 bgs, S B Penick & Co, Exochorda, Marseilles
CASCARILLA BARK—10 bls, Cohen & Co, Munargo, Nassau
13 bls, W M Allison & Co, Munargo, Nassau
CASTOR BEANS—1,694 bgs, Spencer Kellogg & Sons, Brasilian, Rio de Janeiro
15 bgs, Brasilian, Rio de Janeiro
CELERY SEED—25 bgs, Heimgar, Marseilles
CHALK—600 bgs, C B Chrystal & Co, Black Eagle, Antwerp
COMMON — 1,600 bgs, R L Watkins Co, Britannic, London
PRECIPITATED—175 bgs, H J Baker & Bros, Laconia, Liverpool
1,200 bgs, 61 tons, 6 cwt, 3 qtrs, 4 lbs, Colgate-Palmolive-Peet Co, Guido, Hull
CHARCOAL — 32 cs, Heimgar, Marseilles
10 cks, Robinson-Wagner Co, Black Eagle, Antwerp
CHEMICALS—50 cs, 10 dms, 12 bbls, Bergstrom Trading Co, Gripsholm, Gothenburg
100 dms, Philip Bauer Co, Heimgar, Marseilles
75 bbls, International Selling Corp, Heimgar, Marseilles
3 cks, Stanley Doggett, Bremen, Bremen
10 cs, Bremen, Bremen
1 cs, Phoenix Shipping Co, Bremen, Bremen
2 cs, American Banker, London
25 bbls, Philipp Bros, Westernland, Antwerp
4 cs, Desitin Chem Co, Hansa, Hamburg
5 bbls, P C Kuyper & Co, Hansa, Hamburg
50 bbls, 10 cs, American Cyanamid & Chem Co, Hansa, Hamburg
230 bgs, 124 cks, 291 crbys, Hansa, Hamburg
1 ck, Advance Solvents & Chem Co, Hansa, Hamburg
10 cs, American Express Co, Hansa, Hamburg
2 cs, J E Bernard & Co, Hansa, Hamburg
4 pkgs, Hansa, Hamburg
2 cs, Pfaltz & Bauer, Hansa, Hamburg
3 cks, 1 cs, Wedemann & Godknecht, Hansa, Hamburg
250 bgs, American Cyanamid & Chem Co, Batory, Gdynia
1 cs, Advance Solvents & Chem Co, Volendam, Rotterdam
70 cks, A V Berner & Co, Volendam, Rotterdam
CHEMICALS—5 cks, Volendam, Rotterdam
500 bgs, 10 cs, St Louis, Hamburg
30 cs, A Hurst & Co, Ile de France, Havre
2 cns, Carbic Color & Chem Co, Ile de France, Havre
5 cs, Intermaritime Forwarding Co, Ile de France, Havre
16 cks, Innis, Speiden & Co, Black Eagle, Rotterdam
340 dms, Advance Solvents & Chem Co, Black Eagle, Rotterdam
250 bgs, Black Eagle, Rotterdam
20 cks, Philip Bauer Co, Black Eagle, Rotterdam
251 bgs, 125 crbys, 2 cs, Industrial Sales Corp, Black Eagle, Antwerp
ORGANIC — 3 demj, R Gesell, Scanyork, Copenhagen
CHROME ORE—4,233 tons, 6 cwt, 1 qtr, 25 lbs, E J Lavino & Co, Robin Gray, Lourenco Marques
3,000 tons, City of Glasgow, Nehone, New Caledonia
CINCHONA, PRODUCTS—50 cs, R W Greeff & Co, Volendam, Rotterdam
CINNAMON—50 bls, Volkart Bros, President Harrison, Colombo
CLAY—300 bgs, Milton Greenebaum, Volendam, Rotterdam
CLIFFSTONE—367 tons, Taintor Trading Co, Guido, Hull
CLOVES—100 bls, French Line, Wales, Port Said
COALTAR INTERMEDIATES—5 cs, General Dyestuff Corp, Hansa, Hamburg
35 dms, 22 cks, General Aniline Works, Volendam, Rotterdam
2 jugs, 2 dms, General Dyestuff Corp, Volendam, Rotterdam
1 cs, General Dyestuff Corp, St Louis, Hamburg
11 dms, General Aniline Works, Black Eagle, Rotterdam
PRODUCT—3 cs, Allondo Bayonne Co, Hansa, Hamburg
COBALT OXIDE—27 cks, Central Trading Corp, Ile de France, Havre
COCA LEAVES—121 bls, Maywood Chemical Works, Santa Maria, Salaverry
COCOA BEANS—4,485 bgs, Balfour, Guthrie & Co, Padnsay, Addah
800 bgs, Superintendence Co, Padnsay, Accra
800 bgs, Willard Howes, Padnsay, Accra
5,915 bgs, Balfour, Guthrie & Co, Padnsay, Winnebah
800 bgs, Afram Trading Corp, Padnsay, Winnebah
1,500 bgs, Superintendence Co, Padnsay, Takoradi
164 bgs, Curacao Trading Co, Borinquen, Trujilla
796 bgs, Gillespie & Co, Borinquen, Trujillo
250 bgs, Middleton & Co, Robin Gray, Trinidad
100 bgs, Wessel, Duval & Co, Amazone, Port Spain
300 bgs, W & A Leaman, Amazone, Port Spain
200 bgs, Mackey & Co, Amazone, Port Spain
500 bgs, Amazone, Porto Cabello
260 bgs, Lopez & Mangual, Bacchus, Maracaibo
600 bgs, Curacao Trading Co, Ponce, Manoris
500 bgs, Machado & Co, Ponce, Puerto Plata
1,500 bgs, Curacao Trading Co, Ponce, Puerto Plata
300 bgs, Carr Bros, Ponce, Puerto Plata
250 bgs, Porcella Vicini & Co, Ponce, Puerto Plata
3,391 bgs, W & A Leaman, Volendam, Rotterdam
2,500 bgs, Brasilian, Bahia
48 bgs, Clement, Para
225 bgs, W R Grace & Co, Clement, Itacoatiara
2,900 bgs, Nerissa, Trinidad
50 bgs, W R Grace & Co, Santa Maria, Guayaquil
50 bgs, Daarnhouwer & Co, Santa Maria, Guayaquil
450 bgs, Santa Maria, Guayaquil
500 bgs, Barclay Bank, Western Prince, Trinidad
250 bgs, Western Prince, Trinidad
798 bgs, Busi & Stephenson, Padnsay, Lagos
717 bgs, Union Trading Co, Padnsay, Lagos
376 bgs, Compagnie Franc de L'Afrique Occid, Padnsay, Lagos
2,268 bgs, Balfour, Guthrie & Co, Padnsay, Lagos
800 bgs, Willard Howes, Padnsay, Accra
1,500 bgs, Superintendence Co, Padnsay, Accra
800 bgs, American Marketing Corp, Padnsay, Accra
1,136 bgs, Busi & Stephenson, Padnsay, Accra
2,075 bgs, Compagnie Franc de L'Afrique Occid, Padnsay, Accra
750 bgs, Superintendence Co, Padnsay, Winnebah
768 bgs, Busi & Stephenson, Padnsay, Winnebah
1,296 bgs, Busi & Stephenson, Padnsay, Takoradi
750 bgs, Superintendence Co, Padnsay, Takoradi
4,510 bgs, Compagnie Franc de L'Afrique Occid, Padnsay, Port Bouet
COCOA BUTTER — 2 cs, Rohner-Gehrig Co, Volendam, Rotterdam
COCONUTS—80 bgs, 8,000 lbs, Simons-French Co, Borinquen, San Juan
90 bgs, 9,000 lbs, P R Fruit Exchange, Borinquen, San Juan
300 bgs, 30,000 lbs, General Food Corp, Cristobal, Cristobal
500 bgs, 50,000 lbs, I L Toledano Corp, Cristobal, Cristobal
600 bgs, 60,000 lbs, General Food Corp, Chiriqui, Cristobal
686 bgs, 68,600 lbs, General Food Corp, Chiriqui, Kingston
COLORS—5 cks, Stanley-Doggett, Champlain, Havre
1 cs, 44 cks, Fulton Dye Import Co, Champlain, Havre
1 cs, B F Drakenfeld & Co, President Harding, Southampton
22 cks, Fulton Dye Import Co, Ile de France, Havre
ARTISTS—1 cs, Davies, Turner & Co, Queen Mary, Southampton
DRY—19 kgs, Stanley-Doggett, Queen Mary, Southampton
EARTH—20 cks, F B Vandegrift & Co, Hansa, Hamburg
PIGMENT—1 cs, General Dyestuff Corp, Volendam, Rotterdam
COLUMBITE ORE—19 cs, Superintendence Co, Western Prince, Rio Janeiro
COPAIBA BALSAM—17 dms, Wessel, Duval & Co, Clement, Manaos
37 cs, Wessel, Duval & Co, Clement, Itacoatiara
COPPER RESIDUE, ASHES—338 bgs, 40 tons, 19 cwts, 1 qtr, 6 lbs, Guido, Newcastle on Tyne
CORK—45 bls, Cork Import Co, Queen Mary, Southampton
70 bls, Fish Net & Twine Co, Collamer, Bordeaux
10 bls, M W A Augur, Collamer, Bordeaux
8 bls, Cork Import Co, Exochorda, Marseilles
WOOD—345 bls, Heimgar, Lisbon
COTTON LINTERS—300 bls, Agwistar, Tampico
1,280 bls, Kim, Leningrad
CUBE ROOT—370 bls, Wessel, Duval & Co, Bonheur, Iquitos
CUTTLEFISH BONES—700 cs, President Harrison, Marseilles
DILLSEED—80 bgs, Wales, Bombay
DYES, ALIZARIN—29 cks, 13 cans, General Dyestuff Corp, Bremen, Bremen
11 cks, 10 dms, General Dyestuff Corp, Volendam, Rotterdam
ANILIN—10 dms, Sandoz Chem Works, Bremen, Bremen
1 cs, 3 cks, General Dyestuff Corp, Bremen, Bremen
5 bbls, L & R Organic Prod Co, Westernland, Antwerp
5 cks, General Dyestuff Corp, Hansa, Hamburg
87 cks, 6 cs, General Dyestuff Corp, Volendam, Rotterdam
7 cks, 1 pkg, General Dyestuff Corp, St Louis, Hamburg
15 bbls, Geigy Co, Ile de France, Havre
23 kgs, 30 cns, Carbic Color & Chem Co, Ile de France, Havre
DIAZO, BLACK—5 dms, Amtorg Trading Corp, Kim, Leningrad
NIGROSIN—1 kg, Kaumagraph Co, Laconia, Liverpool
EPHEDRA—61 bls, S B Penick & Co, Noto, Dairen
FENNEL SEED—50 bgs, President Harrison, Bombay
100 bgs, Wales, Bombay
FENUGREEK SEED—50 bgs, President Harrison, Alexandria
FILTER, PAPER—6 cs, H Reeve Angel & Co, American Banker, London
17 cs, Hansa, Hamburg
FLAVORING EXTRACT — 10 kgs, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
FLAXSEED—474,000 kilos, 18,960 bus, Western Prince, Buenos Aires
679 bgs, 1,493 bus, Western Prince, Buenos Aires
FLEASEED—266 bgs, Peek & Velsor, President Harrison, Bombay
502 bgs, President Harrison, Bombay
266 bgs, Corn Exchange Bank, Wales, Bombay
135 bgs, Peek & Velsor, Wales, Bombay
130 bgs, T M Duche & Sons, Wales, Bombay
390 bgs, W E Martin, Wales, Bombay
274 bgs, Wales, Bombay
150 bgs, R J Prentiss & Co, Exochorda, Marseilles
100 bgs, Kachurin Drug Co, Exochorda, Marseilles
HUSK—655 bgs, T M Duche & Sons, President Harrison, Bombay
461 bgs, President Harrison, Bombay
157 bgs, Wales, Bombay
FLORAL WATER—30 cs, Prost & Calahan, President Harrison, Marseilles
54 pkgs, Lo Curto & Funk, President Harrison, Marseilles
GELATIN—100 bgs, Ile de France, Havre
POWDERED—101 bgs, Koenigstein, Antwerp
170 bgs, Westernland, Antwerp
SHEET—21 cs, American Express Co, Black Eagle, Rotterdam
GINGER ROOT—160 bgs, Laconia, Liverpool
210 bgs, Barclay Bank, Padnsay, Freetown
296 bgs, Superintendence Co, Padnsay, Freetown
400 bgs, United Africa Co, Padnsay, Freetown
GLASS, DUST—8 cs, Heemsoth Kerner Corp, St Louis, Hamburg
PLATE—10 cs, Globe Shipping Co, Hansa, Hamburg
WINDOW—19 cs, Westernland, Antwerp
6,783 cs, Vitrea Co, President Harding, Hamburg
2 cs, Phoenix Shipping Co, Hansa, Hamburg
17 cs, S G Cole, Black Eagle, Antwerp
GLUE—25 bgs, Saturnia, Trieste
13 cs, Rohner Gehrig Co, Queen Mary, Southampton
BONE—100 bgs, Western Prince, Santos
LIQUID—12 bbls, A Hurst & Co, Hansa, Hamburg
POWDERED — 25 bgs, Rex & Reynolds, President Harrison, Marseilles
25 cks, 1 cs, Rex & Reynolds, Exochorda, Marseilles
GLUESTOCK—758 bgs, J J Murphy & Co, Laconia, Liverpool
GLYCERIN—2 cs, American Banker, London
29 dms, Western Prince, Buenos Aires
GRAINS OF PARADISE—53 bgs, E Meer & Co, President Harding, Hamburg
GRAPHITE—63 bbls, Hensel, Bruckmann & Lorbacher, Heimgar, Marseilles
100 bgs, Joseph Dixon Crucible Co, President Harrison, Colombo
GREASE, WOOL—50 bbls, Robinson-Wagner Co, Westernland, Antwerp
GUM, ARABIC—300 bgs, France, Campbell & Darling, Wales, Port Said
100 bgs, Irving Trust Co, Wales, Port Said
BURNT—54 bgs, Red Hand Composition Co, American Banker, London
CHICLE—352 bls, Mexican Exploitation Co, Agwistar, Progreso
COPAL—4 bgs, American Banker, London
25 cs, S Winterbourne & Co, President Harrison, Singapore
DAMMAR—50 cs, 192 bgs, S Winterbourne & Co, President Harrison, Singapore
KARAYA—195 bgs, Innis, Speiden & Co, President Harrison, Bombay
267 bgs, Gold Medal Haarlem Oil Co, President Harrison, Bombay
200 bgs, S B Penick & Co, President Harrison, Bombay
200 bgs, Thurston & Braidich, President Harrison, Bombay
66 bgs, Gummer Product Co, President Harrison, Bombay
108 bgs, Frank Vliet Co, President Harrison, Bombay
70 bgs, President Harrison, Bombay
210 bgs, Frank Vliet Co, Wales, Bombay
67 bgs, J W Masters & Co, Wales, Bombay
266 bgs, National Carloading Co, Wales, Bombay
GUM, KARAYA—67 bgs, Guaranty Trust Co, Wales, Bombay
LOCUST BEAN—30 bgs, Paul A Dunkel & Co, President Harrison, Genoa
25 bgs, President Harrison, Genoa
NIGER—537 bgs, Chicle Development Co, Padnsay, Lagos
OLIBANUM—8 cs, Wales, Bombay
TRAGACANTH — 294 bgs, Thurston & Braidich, President Harrison, Bushire
101 bgs, E Meer & Co, President Harrison, Bushire
WATTLE—22 bgs, American Banker, London
YACCA—300 bgs, City of Glasgow, Adelaide
GYPSUM—6,300 tons, United States Gypsum Co, Gypsum Empress, Windsor
100 bgs, Whittaker, Clark & Daniels, American Importer, Manchester
721 bgs, 47 tons, 17 cwt, 11 lbs, Whittaker, Clark & Daniels, Guido, Hull
100 bgs, 5 tons, Hammill & Gillespie, Guido, Hull
HERBS, CRUDE — 5 bls, Peek & Velsor, Saturnia, Trieste
INK, PRINTING—5 dms, American Express Co, Hansa, Hamburg
IRISH MOSS—10 bgs, Ile de France, Havre
IRON ORE—18 dms, Reichard-Coulston, American Importer, Liverpool
OXIDE—202 bgs, 10 cks, American Importer, Liverpool
SAND—50 bgs, 2 tons, 5 cwt, 2 qtrs, 4 lbs, Landers, Frary & Clark, Guido, Newcastle-on-Tyne
LEAVES, MEDICINAL — 100 bls, Heimgar, Marseilles
68 bls, Exochorda, Marseilles
LIME JUICE—10 cks, T Headley, Nerissa, Dominica
3 hhd, Nerissa, Dominica
MAGNESIA—4 bbls, Alpinol Corp, Exochorda, Genoa
STEARATE—6 bgs, Yardley & Co, American Banker, London
MANACA ROOT—28 bgs, Brasilian, Bahia
MANGROVE BARK EXTRACT — 6,132 bgs, Philippine Cutch Corp, President Harrison, Zamboanga
MATCHES, SAFETY—5,800 contrs, New York Match Co, Gripsholm, Gothenburg
120 cs, 300 tins, Westernland, Antwerp
17,045 cs, Chase National Bank, Kim, Leningrad
MEDICINAL PREPS—2 cs, Burroughs, Wellcome & Co, American Banker, London
3 cs, American Banker, London
6 cs, Lo Curto & Funk, Queen Mary, Southampton
13 cs, J Personeni, Exochorda, Genoa
32 cs, Alpinol Corp, Exochorda, Genoa
MENTHOL—125 cs, Lo Curto & Funk, Noto, Otaru
MICA—131 cs, Trust Co of N Y, Western Prince, Santos
24 cs, Brown Bros-Harriman Co, Western Prince, Rio de Janeiro
66 cs, Western Prince, Rio de Janeiro
MINERAL — 77 bgs, American Smelting & Refg Co, Santa Elena, Puerto Colombia
610 bgs, National Lead Co, Western Prince, Buenos Aires
MONAZITE SAND — 1 bg, C Tennant Sons & Co, American Banker, London
MARJORAM LEAVES — 10 bgs, Ramon Dijdaj, Borinquen, Trujillo
MOWRAH MEAL — 224 bgs, T E Evans & Co, President Harrison, Bombay
MURU MURU KERNELS — 1,953 bgs, General Food Corp, Bonheur, Para
MUSTARD SEED — 200 bgs, C Gulden, Black Eagle, Rotterdam
MYROBALANS — 1,600 bgs, Guaranty Trust Co, Wales, Bombay
NAPHTHALENE — 600 bs, 54 tons, 2 cwt, 1 qtr, 23 lbs, S M Schwarzschild, Robin Gray, Lourenco Marques
336 bgs, C B Richard & Co, Olga S, London
5,000 bgs, Kim, Leningrad
500 bgs, Black Eagle, Antwerp
NUTMEGS — 87 bgs, Nerissa, Grenada
OCHER — 200 bgs, 50 bbls, C K Williams & Co, Heimgar, Marseilles
100 bgs, T H Deutz, Heimgar, Marseilles
53 bbls, Robinson-Wagner Co, Heimgar, Marseilles
224 bgs, Reichard Coulston, American Importer, Liverpool
400 bgs, J Lee Smith & Co, Exochorda, Marseilles
70 cks, J A McNulty, Exochorda, Marseilles
540 bgs, Reichard Coulston, Exochorda, Marseilles
250 cks, Whittaker, Clark & Daniels, Exochorda, Marseilles
OENOCYANIM — 19 cks, Gondrand Shipping Co, Roma, Genoa
OIL, ALMOND — 5 cks, President Harrison, Marseilles
18 cs, Saturnia, Naples
ANISE — 5 pkgs, President Harrison, Haiphong
BAY — 6 cs, J H Rodriguez Co, Borinquen, San Juan
7 cs, Nerissa, Dominica
CAMPHOR — 6 dms, Ungerer & Co, Noto, Yokohama
2 dms, E I duPont de Nemours & Co, Noto, Yokohama
CASSIA — 4 cks, Fritzsche Bros, Excambion, Marseilles
CITRONELLA — 10 dms, President Harrison, Colombo
CLOVE — 12 cks, French Line, Wales, Port Said
COCONUT — 890 tons, Kiyosumi, Manila Quantity, Kiyosumi, Cebu
CODLIVER—150 cks, Tobias T Pergement & Co, President Harding, Hamburg
15 dms, President Harding, Hamburg
222 dms, J D Irwin & Co, President Harding, Hamburg
407 dms, C T Smith, President Harding, Hamburg
271 dms, Consumers Import Co, Guido, Hull
CORN—50 dms, Volendam, Rotterdam
158 dms, 23 tons, 9 cwts, 1 qtr, 7 lbs, Balfour, Guthrie & Co, Guido, Hull
COTTONSEED—Quantity, West Texas Cotton Oil Co, Western Prince, Santos
ESSENTIAL—12 dms, Musa, Pto Barrios
6 cs, Champlain, Havre
2 cs, American Banker, London
11 cs, Queen Mary, Southampton
25 cs, President Harrison, Penang
17 pkgs, President Harrison, Marseilles
2 cs, Hansa, Hamburg
2 dms, Chiriqui, Kingston
19 cs, Ile de France, Havre
2 cs, Exochorda, Marseilles
FISH—68 dms, C T Smith, President Harding, Hamburg
FISH LIVER—102 dms, Vitamerican, Inc, Kiyosumi, Yokohama
100 dms, Kiyosumi, Yokohama

OIL, FISH LIVER—20 dms, Vitamerican, Inc, Kunikawa, Yokohama
11 dms, Atlantic Coast Fisheries Corp, Kunikawa, Yokohama
FUEL—87,000 bbls, Standard Oil Co of N J, Phoebus, Aruba
80,000 bbls, Standard Oil Co of N J, Rotterdam, Aruba
100,000 bbls, Standard Oil Co of N J, F Q Barstow, Aruba
93,500 bbls, Standard Oil Co of N J, Barfonn, Aruba
GERANIUM—5 cks, Corn Exchange Bank, Exochorda, Marseilles
LAVENDER—7 cks, Tombarel Prod Corp, Exochorda, Marseilles
4 cks, Chase Natl Bank, Exochorda, Marseilles
LEMONGRASS—4 dms, Barber S S Line, American Banker, London
LIME—9 cs, Barclay Bank, Nerissa, St Lucia
1 dm, Western Prince, Trinidad
LUBRICATING—125 dms, Koenigstein, Antwerp
20 dms, W L Newberry, Queen Mary, Southampton
OITICICA—205 dms, Bonheur, Ceara
196 dms, Chase National Bank, Clement, Fortaleza
OLIVE—50 dms, 60 cs, Heimgar, Lisbon
125 dms, Heimgar, Marseilles
100 dms, Venice Import Co, Heimgar, Marseilles
50 dms, Magnus, Mabee & Reynard, Heimgar, Nice
25 dms, B Dorman, President Harrison, Genoa
5 dms, Amellia Olive Oil Co, President Harrison, Genoa
10 dms, Simone Bros, President Harrison, Genoa
10 dms, F Graesedonio, President Harrison, Genoa
25 dms, Salvator A Laroja, President Harrison, Genoa
1,480 cs, President Harrison, Genoa
25 dms, A Louaja, President Harrison, Marseilles
25 dms, Banca Commercial Italian Trust Co, President Harrison, Marseilles
90 cs, Exochorda, Piraeus
25 dms, J L Sclafani, Exochorda, Genoa
95 dms, Atlantic & Pacific Tea Co, Exochorda, Genoa
50 dms, A Fiore & Co, Exochorda, Genoa
15 dms, Musco & Co, Exochorda, Genoa
25 dms, Pastene & Co, Exochorda, Genoa
15 dms, De Simone Bros, Exochorda, Genoa
50 demj, L Profumo & Co, Exochorda, Genoa
1,462 cs, Exochorda, Genoa
25 dms, La Manna Azema & Farnan, Exochorda, Marseilles
494 pkgs, Saturnia, Palermo
OLIVE SULPHUR—100 bbls, Leghorn Trading Co, Heimgar, Lisbon
ORANGE—3 dms, Exochorda, Marseilles
PALM KERNEL—296,000 kilos, Black Eagle, Rotterdam
PEANUT — 10 dms, Lamont Corliss & Co, Black Eagle, Rotterdam
PERILLA—467 tons, Balfour, Guthrie & Co, Kunikawa, Dairen
322 tons, Werner G Smith Co, Kunikawa, Dairen
PETITGRAIN — 9 cs, Naugaluck Aromatics Division, Western Prince, Buenos Aires
ROSEWOOD—12 dms, G Uhe, Clement, Manaos
SESAME—402 dms, Volendam, Rotterdam
SOAP—3 dms, W J Bush & Co, American Banker, London
SYNTHETIC—25 cs, Lo Curto & Funk, Olga S, Rotterdam
TEASEED—599 dms, President Harrison, Hongkong
VEGETABLE—3 dms, 2 cs, Olga S, London
OLEIN—2 cs, General Aniline Works, Black Eagle, Rotterdam
PAPRIKA—25 bgs, J Raphael & Son, President Harding, Hamburg
43 cs, 10 bgs, President Harding, Hamburg
50 bgs, Chase National Bank, Hansa, Hamburg
50 bgs, Saturnia, Trieste
PEPPER, BLACK—466 bgs, B H Old & Co, Kunikawa, Saigon
PETROLEUM, CRUDE—73,359 bbls, Cities Service Asphalt Product Co, Mirlo, Las Piedras
110,023 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
85,862 bbls, Standard Oil Co of N J, Leda, Guiria
70,174 bbls, Cities Service Asphalt Product Co, Halo, Las Piedras
PICHI LEAVES—30 bgs, Helga, Talcahuano
PIMENTO—50 bgs, Bank of Nova Scotia, Chiriqui, Kingston
PITCH — 1 keg, American Express Co, Britannic, Liverpool
POPPYSEED—100 bgs, 11,000 lbs, Catz American Co, Olga S, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Olga S, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Volendam, Rotterdam
POTASH, CAUSTIC—50 dms, American Cyanamid & Chem Co, Hansa, Hamburg
CHLORATE—800 cs, Uniform Chem Prod Co, Kunikawa, Yokohama
200 bbls, International Selling Corp, Collamer, Havre
150 bbls, C Hardy, Collamer, Havre
METABISULPHITE—50 bbls, Heimgar, Marseilles
PRUSSIATE—50 cks, American Cyanamid & Chem Co, Volendam, Rotterdam
SALT — 50 kegs, Mager Bros, American Banker, London
PYRETHRUM FLOWERS—250 bls, S B Penick & Co, Kuyosumi, Kobe
16 bls, J L Hopkins & Co, Saturnia, Trieste
10 bls, Peek & Velsor, Saturnia, Trieste
80 bls, S B Penick & Co, Saturnia, Trieste
PYRITES—2 bgs, Pitt & Scott, City of Glasgow, Melbourne
QUEBRACHO EXTRACT—2,960 bgs, Western Prince, Buenos Aires
QUICKSILVER — 30 flasks, Chase National Bank, Agwistar, Vera Cruz
QUINCE SEED—10 bgs, S B Penick & Co, President Harrison, Khorramshahr
QUINIDINE SULPHATE — 5 cs, New York Quinine & Chem Works, Volendam, Rotterdam

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RAPESEED — 187 bgs, Wagner Bros, Kunikawa, Otaru
300 bgs, Western Prince, Buenos Aires
RESIN—91 cs, Santo Domingo & Co, Bonheur, Iquitos
41 cs, Bonheur, Iquitos
37 cs, Paul Bertuch & Co, Clement, Manaos
1 cs, Concentrate Mfg Corp, Ile de France, Havre
RICE FLOUR—100 bgs, Half Moon Mfg Trading Co, Black Eagle, Rotterdam
ROOT, MEDICINAL — 60 bgs, R D Hines, Hansa, Hamburg
56 bls, P H Petry & Co, Exochorda, Marseilles
31 bls, S B Penick & Co, Saturnia, Trieste
SAFFRON FLOWERS—2 cs, Andre L Causse, Ile de France, Havre
2 cs, Exochorda, Marseilles
SARSAPARILLA ROOT—50 bls, Agwistar, Tampico
SEAWEEDS—1,722 bgs, Feedwaters, Inc, Laconia, Liverpool
SENNA LEAVES—75 bls, Wales, Port Sudan
PODS—15 bls, Peek & Velsor, President Harrison, Tuticorin
SHELLAC—10 cs, A Hurst & Co, Hansa, Hamburg
SOAP—9 cs, H Bendel, Champlain, Havre
875 cs, Conti Prod Corp, Exochorda, Genoa
200 cs, J P Smith & Co, Exochorda, Marseilles
50 cs, W E Martin, Saturnia, Trieste
50 cs, Saturnia, Trieste
BASE—47 cs, Yardley & Co, American Banker, London
SADDLE—100 cs, Solomon & Philipps, American Banker, London
SHAVING—66 cs, Yardley & Co, American Banker, London
TOILET—1 cs, American Banker, London
SODA CYANIDE—125 cks, C Hardy, Ile de France, Havre
HYDROSULPHITE—15 bbls, President Harding, Hamburg
40 dms, Hansa, Hamburg
SULPHATE—200 dms, Advance Solvents & Chem Co, Koenigstein, Antwerp
SPONGES—15 bls, American Sponge & Chamois Co, Quirigua, Havana
35 bls, Quirigua, Havana
23 bls, Orizaba, Vera Cruz
9 bls, J H Rhodes & Co, Munargo, Nassau
4 bls, World Sponge Market, Exochorda, Piraeus
REFUSE—15 bls, American Sponge & Chamois Co, Quirigua, Havana
8 bls, Schroeder & Tremayne, Quirigua, Havana
4 bls, J H Rhodes & Co, Munargo, Nassau
16 bls, Royal Bank of Canada, Nassau
52 bls, Johns Manville Corp, Munargo, Nassau
STARCH, CHEMICAL TREATED—50 bgs, Volendam, Rotterdam
RICE—25 bbls, H Kohnstamm & Co, Koenigstein, Antwerp
STEARIN, PITCH—42 bbls, Heimgar, Marseilles
137 dms, 26 tons, 15 cwt, 3 qtrs, 5 lbs, Leitch Mfg Co, Guido, Hull
178 dms, 37 tons, 6 cwt, 8 lbs, A V Berner & Co, Guido, Hull
TALC—4 bgs, 140 cs, Chase National Bank, President Harrison, Bombay
250 bgs, Whittaker, Clark & Daniels, Collamer, Bordeaux
200 bgs, C B Chrystal & Co, Collamer, Bordeaux
TAMARINDS IN MOLASSES—15 bbls, Leghorn Trading Co, Nerissa, Barbados
TANKAGE—1,338 bgs, Nordkap, Buenos Aires
4,572 bgs, Nordkap, Buenos Aires
431 bgs, Swift & Co, Western Prince, Buenos Aires
1,000 bgs, Western Prince, Buenos Aires
TAPIOCA, FLOUR—5 bgs, Rockland Laundry Co, Quirigua, Havana
TARTAR—699 bgs, Standard Brands, Heimgar, Marseilles
1,376 bgs, Charles Pfizer & Co, Heimgar, Marseilles
269 bgs, Charles Pfizer & Co, President Harrison, Marseilles
137 bgs, Charles Pfizer & Co, Exochorda, President Harrison, Marseilles
160 bgs, Standard Brands, Exochorda, Marseilles
247 bgs, Saturnia, Lisbon
TEXTILE FINISHING PROD—3 cks, Amer Euka Corp, Volendam, Rotterdam
TIMBO ROOT, POWD—202 cs, Bonheur, Para
401 cs, Clement, Para
TONKA BEANS—1 cs, J H Redding, Clement, Para
TUBA ROOT—57 bls, S B Penick & Co, President Harrison, Singapore
28 bls, Dodwell & Co, President Harrison, Singapore
TUNGSTEN, POWD—8 dms, C Tennant Sons & Co, Laconia, Liverpool
TURMERIC—317 bgs, President Harrison, Madras
43 bgs, J L Hopkins & Co, President Harrison, Madras
UMBER—20 cks, Whittaker, Clark & Daniels, Laconia, Liverpool
2,800 bgs, C K Williams & Co, Exochorda, Alexandria
27 cks, Chase National Bank, Exochorda, Alexandria
UREA—12 bgs, Synthetic Nitrogen Prod Corp, Koenigstein, Antwerp
500 bgs, Synthetic Nitrogen Prod Corp, Black Eagle, Rotterdam
VANILLA BEANS—50 cs, Thurston & Braidich, Exochorda, Marseilles
13 cs, Dammann & Smeltzer, Exochorda, Marseilles
21 cs, Integrity Trust Co, Exochorda, Marseilles
73 cs, Heimgar, Marseilles
22 cs, Bank of Manhattan, Queen Mary, Southampton
25 cs, Dodge & Olcott Co, President Harrison, Marseilles
26 cs, Thurston & Braidich, President Harrison, Marseilles
25 cs, Integrity Trust Co, President Harrison, Marseilles
36 cs, President Harrison, Marseilles
8 cs, Richard L Oppenheimer, Hansa, Hamburg
68 cs, Thurston & Braidich, Orizaba, Vera Cruz
32 cs, F Huber & Co, Orizaba, Vera Cruz
40 cs, National City Bank, Nerissa, Guadeloupe
23 cs, Ile de France, Havre
160 cs, French Line, Wales, Port Said
WATER, MINERAL—900 cs, E & J Burke, Heimgar, Marseilles
15 cs, H S Dorf & Co, Champlain, Havre
100 cs, Meadows, Wye & Co, Britannic, Liverpool
588 cs, Chas Vonder Bruck, Volendam, Rotterdam
WAX, BEES—6 bgs, Curacao Trading Co, Borinquen, Trujillo
56 bgs, Strohmeyer & Arpe Co, Agwistar, Tampico
41 bgs, Agwistar, Tampico
31 pkgs, President Harrison, Alexandria
61 bgs, Brasilian, Rio de Janeiro
19 bgs, Brasilian, Bahia
50 bgs, French Line, Wales, Port Said
CANDELILLA—388 bgs, M Argueso & Co, Agwistar, Tampico
455 bgs, Strohmeyer & Arpe Co, Agwistar, Tampico
CARNAUBA—250 bgs, Bank of London, South America, Clement, Parnahyba
72 bgs, Brasilian, Bahia
WAX, CARNAUBA—62 bgs, Strohmeyer & Arpe Co, Bonheur, Ceara
56 bgs, Bonheur, Ceara
247 bgs, Smith & Nichols, Clement, Camocim
63 bgs, Smith & Nichols, Clement, Parnahyba
63 bgs, Strahl & Pitsch, Clement, Parnahyba
177 bgs, W M Allison & Co, Clement, Parnahyba
188 bgs, Lenape Trading Co, Clement, Parnahyba
56 bgs, W M Allison & Co, Clement, Fortaleza
157 bgs, Bank of London, South America, Clement, Fortaleza
168 bgs, Clement, Fortaleza
56 bgs, Strohmeyer & Arpe Co, Clement, Fortaleza
251 bgs, Strohmeyer & Arpe Co, Clement, Parnahyba
CERESIN—2 cs, Concentrate Manufacturing Co, Ile de France, Havre
MONTAN—2 bgs, General Dyestuff Corp, Bremen, Bremen
OZOKERITE—84 bgs, Strohmeyer & Arpe Co, Saturnia, Trieste
SPERMACETI—25 cs, Orbis Product Corp, Britannic, Liverpool
VEGETABLE—50 cs, H H Rosenthal Co, Noto, Moji
25 cs, Dodwell & Co, Noto, Moji
704 cs, Bonheur, Para
25 bgs, Mecke & Co, Chiriqui, Cristobal
WINE LEES—1,971 bgs, Western Prince, Buenos Aires
WITHERITE—1,500 bgs, 150 tons, 19 cwts, 1 qtr, E I du Pont de Nemours Co, Guido, Newcastle-on-Tyne
YEAST—125 bbls, Hansa, Hamburg
160 bbls, Vulkan Yeast Co, Hansa, Hamburg
COMPRESSED—2 cks, Compressed Yeast Corp, Rex, Genoa
ZINC CHLORIDE—25 dms, Philipp Bros, Koenigstein, Antwerp
OXIDE—13 bbls, Atlantic Freighting Co, Westernland, Antwerp
20 bbls, Reichard-Coulston, Exochorda, Marseilles
ZINC AMMONIA CHLORIDE—73 dms, American Cyanamid & Chem Co, Koenigstein, Antwerp
ZIRCON SAND—1 bg, C Tennant Sons & Co, American Banker, London

New York Transit Imports

BLUE ULTRAMARINE—220 cks, Standard Ultramarine Co, Guido, Hull, Huntington, W Va
HERBS—7 bls, Allaire Woodward & Co, Saturnia, Trieste, Peoria
OIL, CASHEW—176 dms, Irvington Varnish & Insulator Co, President Harrison, Mangalore, Irvington
112 bbls, 485 dms, Irvington Varnish & Insulator Co, President Harrison, Wales, Bombay, Irvington
CINNAMON LEAF—3 dms, Rutherford National Bank, President Harrison, Colombo, Rutherford
SPONGES—9 bls, Oriente, Havana, Havre
3 bls, Orizaba, Havana, Paris
6 bls, Orizaba, Havana, Detroit
10 bls, Munargo, Nassau, Odense
2 bls, Munargo, Nassau, Kobe
8 bls, Munargo, Nassau, Havre
REFUSE—30 bls, Orizaba, Havana, Detroit
26 bls, Munargo, Nassau, Havre
VANILLA BEANS—14 cs, M Cortizas Co, Orizaba Vera Cruz, Philadelphia
13 cs, Rene Moelhausen, Nerissa, Guadeloupe, Philadelphia
25 cs, Banca Commercial Italian Trust Co, Guadeloupe, Philadelphia

Baltimore Imports

AMMONIA SULPHATE—200 bgs, Edam, Rotterdam
CHEMICALS—480 bgs, Artigas, Glasgow
100 cks, Edam, Rotterdam
184 bgs, 21 cks, Black Tern, Antwerp
CHROME ORE—1,305 tons, Philadelphia National Bank, Sagadahoc, Lourenco Marques
COCOA SHELLS—3,039 bls, Edam, Rotterdam
IRON ORE—9,595 tons, Leo J Buck, Nuolja, Narvik
LIVERMEAL—1,300 bgs, Astri, Montevideo
MINERAL WATER—250 cs, Edam, Rotterdam
MOLASSES—1,161,399 gls, Dixiano, Antilla
563,927 gls, Commercial Molasses Corp, Castana, San Juan
OIL, FUEL—98,000 bbls, Standard Oil Co of N J, Wm G Warden, Aruba
PEATMOSS—600 bls, Black Tern, Rotterdam
PETROLEUM, CRUDE—60,758 bbls, Mexican Petroleum Corp, Glittre, Las Piedras
POTASH, CHLORATE—300 cs, Black Tern, Rotterdam
50 dms, Black Tern, Antwerp
PYRITES — 1,080 tons, Evriken, Britannia Beach, B C
TANKAGE—1,500 bgs, Astri, Montevideo
WATTLE BARK EXTRACT—279 bls, Sagadahoc, Durban
WAX, BEES—72 bgs, Parnahyba, Santos

Boston Imports

ACID, CRESYLIC—25 dms, 5 tons, 16 cwts, 3 qtrs, 21 lbs, Laconia, Liverpool
STEARIC—30 bgs, 2 tons, 6 cwts, 2 qtrs, 5 lbs, Laconia, Liverpool
ANISE—17 bgs, 1 ton, 11 lbs, Laconia, Liverpool
CHEMICALS—20 cks, Philipp Bros, Maasdam, Rotterdam
COCOA BEANS—200 bgs, Middleton & Co, Lady Drake, Port of Spain
1,600 bgs, 228,000 lbs, Wood & Selick, Padnsay, Takoradi
3,200 bgs, 456,000 lbs, Afram Trading Corp, Padnsay, Takoradi
5,068 bgs, 800,880 lbs, Bankers' Trust Co, Padnsay, Takoradi
1,450 bgs, 232,000 lbs, Compagnie Francaise de l'Afrique Occidentale, Padnsay, Accra
750 bgs, 114,375 lbs, Superintendence Co, Padnsay, Takoradi
794 bgs, Balfour, Guthrie & Co, New Toronto, Lagos
3,200 bgs, Bankers' Trust Co, New Toronto, Accra
8,080 bgs, Walter Baker & Co, New Toronto, Accra
3,200 bgs, Balfour, Guthrie & Co, New Toronto, Accra
3,200 bgs, Balfour, Guthrie & Co, New Toronto, Winneba
1,600 bgs, New Toronto, Winneba
3,200 bgs, New Toronto, Takoradi
1,600 bgs, Bank of the Manhattan, New Toronto, Takoradi
3,200 bgs, Balfour, Guthrie & Co, New Toronto, Takoradi
EMERY FILLET—2 cs, Joseph Sykes Bros, American Importer, Liverpool
GINGER, ROOT—165 bgs, 23,311 lbs, Padnsay, Freetown
105 bgs, 12,075 lbs, Barclay's Bank, Padnsay, Freetown
GLASS, WINDOW—3 cs, 8,100 lbs, City of Flint, Hamburg
GLUE—100 bgs, 5 tons, 2 cwts, 2 qtrs, 20 lbs, Stone & Downer, Laconia, Liverpool
GLUESTOCK, FISH—2 bxs, J R Poole, Evangeline, Yarmouth
HIDE—323 bgs, American Importer, Manchester
112 bgs, 8 tons, 4 cwts, 2 qtrs, 23 lbs, Laconia, Liverpool
GUM, ARABIC—100 bgs, 22,487 lbs, Wales, Port Sudan
INDUSTRIAL—40 bgs, 2 tons, 2 qtrs, 14 lbs, J P Marston Co, Laconia, Liverpool
GYPSUM, CRUDE—6,150 tons, U S Gypsum Co, Gypsum Queen, Windsor, N S
LIME JUICE—2 cks, Barclay's Bank, Lady Drake, St Lucia
MAGNESITE, CALC—200 bgs, Maasdam, Rotterdam
MUSTARD SEED—50 bgs, 11,023 lbs, City of Flint, Hamburg
OCHER—80 cks, 45,578 lbs, Exochorda, Marseilles
OIL, COD—39 bbls, 200 dms, 107,085 lbs, City of Flint, Hamburg
FUEL—16,700 bbls, 701,400 gls, Colonial Beacon Oil Co, George G Henry, Aruba
OLIVE—100 cs, 11,905 lbs, Exochorda, Genoa
PALM—352 tons, Balfour, Guthrie & Co, New Toronto, Koko
369 tons, Balfour, Guthrie & Co, New Toronto, Abonema
SPERM—75 dms, California, Glasgow
PAINT—13 kgs, Dexter Bros, Laconia, Liverpool
PEATMOSS — 1,000 bls, Premier Peat Moss Corp, Maasdam, Rotterdam
400 bls, 64,963 lbs, Louis E Page, City of Flint, Hamburg
200 bls, 31,768 lbs, Curley Bros, City of Flint, Hamburg
PETROLEUM, CRUDE—51,401 bbls, 7,732 tons, Colonial Beacon Oil Co, George G Henry, Las Piedras
SEAWEED—3 bls, 1 bg, American Express Co, Laconia, Liverpool
EXTRACT—1 bg, American Express Co, Laconia, Liverpool
SOAP, TOILET—1 cs, American Express Co, American Importer, Liverpool
SODA, NITRATE—25 cks, 15,046 lbs, City of Flint, Hamburg
STARCH, CHEMICALLY TREATED—600 bgs, Maasdam, Rotterdam
POTATO—250 bgs, Stein, Hall & Co, Maasdam, Rotterdam
TAPIOCA FLOUR—251 bgs, City of Athens, Sourabaya
552 bgs, Guaranty Trust Co, City of Athens, Sourabaya
1,000 bgs, City of Athens, Batavia
250 bgs, Chase National Bank, City of Athens, Batavia
WATER, AERATED—30 cs, S S Pierce Co, Laconia, Belfast
MINERAL—100 cs, 9,238 lbs, S S Pierce Co, Exochorda, Marseilles

Galveston Imports

SILICON CARBIDE—770 bgs, Algonquin, New York

Houston Imports

ASPHALT—8 bgs, Ruth Lykes, Havana
GLASS, WINDOW—20 cs, Syros, Hamburg
MUSTARD—20 cs, Leerdam, Rotterdam
OIL, CITRONELLA—4 dms, Eglantine, Rotterdam
PEATMOSS—2,500 bls, Syros, Bremen
PERFUME—1 dm, Syros, Hamburg
SHEEP DIP POWDER—100 cs, Syros, Antwerp

Los Angeles Imports

ANTIMONY ORE — 85,000 lbs, from Mexico
ARSENIC, WHITE, REFD — 77,160 lbs, Balboa, Stockholm
33,660 lbs, Wyoming, Antwerp
CHEMICAL COMPOUND — 1,200 lbs, Kunikawa, Yokohama
1,500 lbs, Katsuragi, Yokohama
SALT — 1,010 lbs, Kunikawa, Tokyo
CHINA CLAY — 231,950 lbs, Damsterdijk, Plymouth
COCONUT DESIC — 46,610 lbs, President Pierce, Manila
COCONUTS — 7,000 lbs, San Anselmo, Colon
COPRA—47,930 lbs, Hoegh Transporter, Philippine Islands
DRUGS, ADVANCE — 26,790 lbs, West Cactus, Para
FERTILIZER, MIXED—50,000 lbs, Kuyosumi, Yokohama
FISH LIVER, FROZEN — 12,000 lbs, Tosan, Japan
30,000 lbs, Tosan, Yokohama
MEAL — 300,500 lbs, Argyll, Cabo, Mexico
GINGER ROOT—120 lbs, Kosei, Kobe
GLASS, SHEET — 8 cs, 8,590 lbs, Wyoming, Brussels
MACE, UNGRD — 1,300 lbs, Madoera, Macassar
MEDICINAL PREPS — 5 lbs, Damsterdijk, London
50 lbs, Kosei, Kobe
NUTMEGS, UNGRD — 4,000 lbs, West Cactus, Port Spain
OIL, CHINAWOOD — 22,500 lbs, Roseville, Hongkong
COTTONSEED, SEMI-REFD — 680,110 lbs, Nako, Japan
PAINT — 100 lbs, Pacific Grove, London
RESIN, SYNTH — 20 lbs, from London
RICE FLOUR — 490 lbs, Kosei, Kobe
290 lbs, Kiyosumi, Yokohama
SEAWEED — 300 lbs, Chichibu, Kobe
50 lbs, Nanman, Yokohama
60 lbs, Kunikawa, Yokohama
60 lbs, Yiyosumi, Yokohama
SESAME SEED — 490 lbs, Kosei, Kobe
SOAP, TOILET — 500 lbs, from London
30 lbs, from Vienna
STARCHES — 1,000 lbs, Kosei, Kobe
100 lbs, Kiyosumi, Yokohama
TOILET PREPS — 90 lbs, Kosei, Kobe

New Orleans Imports

BONEMEAL—3,306 sx, Koenigsburg, Hamburg
CHEMICALS—72 csks, Advance Solvents & Chemical Co, Koenigsburg, Hamburg; 100 sx, Koenigsburg, Hamburg
COPRA—3,006 tons, Procter & Gamble Co, Liberator, Cebu
MOLASSES—352,760 gls, Commercial Molasses Corp, Caloria, Cienfuegos
900,000 gls, Chase National Bank, Caloria, Santa Cruz
OIL, PALM—516 tons, Weltevedren, Belawan, Deli
PETROLEUM, REF—110 dms, Koenigsburg, Bremen

Norfolk Imports

ALUMINUM SILICATE, ORE, CRUDE—205 tons & 2 qtrs, Maidan, Calcutta
CHINA CLAY—899 tons & 18 cwts, Paper Makers Importing Co, Korsfjord, Fowey
705 tons, 18 cwts, John W Higman Co, Korsfjord, Fowey
CLAY, BALL—387 tons, 6 cwts, Paper Makers Importing Co, Korsfjord, Fowey
45 tons, John W Higman Co, Korsfjord, Fowey

COCOA RESIDUES—3,473 bgs, 248 tons, H J Baker & Bros, N Y, Black Condor, Rotterdam
COLORS, EARTH—8 csks, Norton & Ellis, Ubc, Black Condor, Rotterdam
OIL, CODLIVER, INDUSTRIAL—355 dms, W M Stone & Co, Black Condor, Antwerp
SODA, NITRATE—2,699.84 tons, Chilean Nitrate Sales Corp, Helga, Tocopilla

Philadelphia Imports

AMMONIA CARBONATE — 24 cs, Harshaw Chemical Co, Artigas, Glasgow
BOG ORE—524,682 kilos, City of Flint, Hamburg
BRONZE POWDER—2 cs, Keer Maurer Co, City of Flint, Hamburg
CANARY SEED — 1,333 bgs, Astri, Buenos Aires
CARDAMOM SEED—70 tins, P H Petry & Co, Tela, Puerto Barrios
CASSIA VERA — 287 bls, City of Athens, Padang
202 bls, First National Bank, Kota Tjandi, Medan
CELERY SEED—200 bgs, City of Birmingham, Port Said
CHEMICALS—100 dms, Artigas, Liverpool
407,126 kilos, Black Osprey, Antwerp
CHINA CLAY — 135,503 kilos, United Clay Mines, Black Osprey, Rotterdam
CLAY—500 bgs, City of Flint, Hamburg
BALL—260 tons, United Clay Mines, Toronto City, Bristol
1 bg, United Clay Mines, Toronto City, Bristol
30 tons, English China Clay Sales Corp, Toronto City, Bristol
80 tons, Moore & Munger, Toronto City, Bristol
103 tons, T H Sant & Sons, Toronto City, Bristol
COCOA BEANS—741 bgs, W & A Leamen, Black Osprey, Rotterdam
1,450 bgs, Compagnie Francais de L'Afrique Occidental, Padnsay, Accra
1,600 bgs, Padnsay, Winnebah
1,600 bgs, Afram Trading Corp, Padnsay, Winnebah
3,200 bgs, Balfour, Guthrie & Co, Ltd, Padnsay, Winnebah
1,600 bgs, Union Trading Corp, Padnsay, Takoradi
3,200 bgs, Afram Trading Corp, Padnsay Takoradi
1,121 bgs, Balfour, Guthrie & Co, Padnsay, Takoradi
749 bgs, Compagnie Francais de L'Afrique Occidental, Padnsay, Port Bouet
1,879 bgs, Balfour, Guthrie & Co, Padnsay, Saltpond
COLOR, DRY—80 bgs, R T French Co, Black Osprey, Antwerp
CORKWASTE—10,000 kilos, Alberta, Bougie
GINGER ROOT—95 bgs, Padnsay, Freetown
GLASS, WINDOW—241 cs, City of Flint, Hamburg
GUM, COPAL—193 bskts, Guaranty Trust Co, Kota Tjandi, Macassar
GYPSUM, CRUDE—6,220 tons, U S Gypsum Co, Gypsum Prince, Windsor
ILMENITE SAND—1,500 tons, E I du Pont de Nemours & Co, Inc, City of Birmingham, Koilthottam
KELP MEAL—330 bgs, Wessel Duval & Co, Tampa, Stavanger
LOGWOOD — 2,000 tons, Gezina, Tunis de Zaza
MOLASSES — 508,000 gls, Emmy Friederich, Sagua
700,000 gls, Emmy Friederich, Havana
NIGER SEED—67 bgs, City of Birmingham, Colombo
OIL, CODLIVER—75 dms, J A McCarthy, Tampa, Stavanger
200 dms, Allen Forwarding Co, Tampa, Stavanger
100 dms, Allen Forwarding Co, City of Flint, Hamburg
15 dms, City of Flint, Hamburg
CORN—37,084 kilos, Black Osprey, Rotterdam
153,412 kilos, Black Osprey, Antwerp
LUBRICATING, WHITE—70 dms, Black Osprey, Antwerp
OLIVE, SULPHUR—194,750 kilos, Philadelphia National Bank, Albertam, Algiers
RAPESEED—45 dms, Cities Service Oil Co, City of Flint, Hull
OSSEIN—782 bgs, Black Osprey, Antwerp
PEATMOSS — 3 bls, H F Michell, Black Osprey, Antwerp
PEPPER, BLACK — 258 bgs, Catz American Co, Javanese Prince, Batavia
1,032 bgs, Catz American Co, Javanese Prince, Oosthaven
PETROLEUM, CRUDE — 69,330 bbls, Atlantic Refining Co, Tustem, Las Piedras
POLISH, METAL, LIQ — 25 cs, R T French Co, City of Flint, Hull
WHITE, TRANSPARENT — 1 bx, F B Vandegrift & Co, Artigas, Glasgow
RAPESEED — 456 bgs, Astri, Buenos Aires
SESAME SEED — 72 bgs, Tela, Puerto Barrios
SODA, HYDROSULPHITE — 50 dms, City of Flint, Hamburg
TANKAGE — 118 cakes, Astri, Montevideo
1,008 bgs, Astri, Buenos Aires
2,526 cakes, Astri, Buenos Aires
TAPIOCA FLAKE, DUST — 200 bgs, National City Bank, City of Athens, Sourabaya
FLOUR — 239 bgs, Chase National Bank, Javanese Prince, Batavia
276 bgs, Guaranty Trust Co, City of Athens, Sourabaya
PEARL — 348 bgs, Guaranty Trust Co, City of Athens, Sourabaya
THYME LEAVES — 34 bgs, Estrella, Marseilles
WOODFLOUR — 2,340 bgs, B L Soberski, Tampa, Greaker
ZIRCON SAND — 1,000 bgs, City of Birmingham, Alleppey

Port Arthur Imports

PETROLEUM, CRUDE — 10,081 tons, Nevada, Las Piedras

Portland, Ore., Imports

BLEACHING POWDER — 105 dms, Wilson & George Meyer & Co, Elbe, Antwerp
BONE MEAL — 784 sks, Balfour, Guthrie & Co, Elbe, Hamburg
COCONUT, DESIC — 125 cs, L W Pennington, Salawati, Manila
LINSEED MEAL — 3,500 sks, Walter Johnson, Nanman, Kobe
SODA CHLORATE — 600 dms, W J Byrnes & Co, Vancouver, Hamburg
1,500 dms, Chipman Chemical Co, Vancouver, Antwerp
500 dms, Chipman Chemical Co, Elbe, Antwerp
CYANIDE—300 dms, American Cyanamid & Chemical Corp, Elbe, Hamburg

San Francisco Imports

BABASSU KERNELS—3,386 sks, Bank of California, N A, Evanger, Maranhao
BIOLOGICAL PRODUCTS—1 cs, Cutter Laboratories, Evanger, Puerto Colombia
BONE, CALC—100 sks, Braun-Knecht-Heimann Co, Damsterdijk, London
CARAWAY SEED—35 sks, Damsterdijk, Rotterdam
50 sks, McClintock-Stern Co, Damsterdijk, Rotterdam
CASSIA—100 bls, S H Tyler & Son, Roseville, Hongkong
CHEMICALS—8 cs, Wyoming, Antwerp
12 cs, D C Andrews & Co, Damsterdijk, Rotterdam
CLOVES—105 sks, B C Ireland, Modoera, Amboina
26 sks, B C Ireland, Modoera, Saparoea
COCOA BEANS—500 sks, Evanger, Bahia
750 sks, American Trust Co, Evanger, Bahia
447 sks, H A Phillips & Co, Evanger, Itacoatiara
535 sks, H A Phillips & Co, Evanger, Para
334 sks, H A Phillips & Co, Evanger, Manaos
25 sks, Boldemann Chocolate Co, Evanger, Port of Spain
250 sks, Guittard Chocolate Co, Evanger, Port of Spain
300 sks, D Ghirardelli Co, Evanger, Port of Spain
COCONUT, DESIC—75 cs, Philippine Desiccated Coconut Corpn, Roseville, Zamboanga
COLORS, ARTISTS' OIL—1 cs, Damsterdijk, London
COPRA—4,387 sks, Williams Dimond Co, Hauraki, Suva
3,954 sks, Hauraki, Suva
4,043 sks, J N Raymond, Hauraki, Suva
229 tons, El Dorado Oil Works, Roseville, Manila (for Oakland)
354 tons, Durkee Famous Foods, Roseville, Manila (for Oakland)
600 tons, El Dorado Oil Works, Roseville, Zamboanga (for Oakland)
CURICURY NUTS—850 sks, Evanger, Bahia
850 sks, American Trust Co, Evanger, Bahia
GLASS, WINDOW—643 cs, Wyoming, Antwerp
122 cs, Wyoming, Antwerp (for Oakland)
GLUE, GELATIN POWD—15 bbls, Chase M Lee Co, Damsterdijk, Rotterdam
GUM COPAL—123 bskts, D Hecht & Co, Modoera, Macassar
IRON OXIDE—80 kgs, Damsterdijk, Swansea
MACE—29 cs, B C Ireland, Modoera, Macassar
MEDICINAL PREPS—4 cs, Kwong Yick, Roseville, Hongkong
OIL, COCONUT—106 dms, Roseville, Manila
OITICICA—325 dms, Evanger, Rio de Janeiro
PEPPER, BLACK—582 sks, Modoera, Oosthaven
PERFUMERY — 7 cs, Hale Bros, Wyoming, Havre
PETROLEUM PRODUCTS — 1 cs, Shell Oil Co, Damsterdijk, London
POPPYSEED — 15 sks, Damsterdijk, Rotterdam
SAGO FLOUR — 160 sks, Modoera, Singapore
SAND — 1,350 tons, Balfour, Guthrie & Co, Wyoming, Antwerp (for Oakland)
STARCH — 108 cs, Kwong Yick, Roseville, Hongkong
TAPIOCA DUST — 33 sks, American Trust Co, Modoera, Sourabaya
FLOUR — 500 sks, American Trust Co, Modoera, Cheribon
100 sks, American Trust Co, Modoera, Sourabaya
915 sks, Modoera, Batavia
928 sks, Modoera, Batavia (for Oakland)
PEARL — 33 sks, American Trust Co, Modoera, Sourabaya
SEEDS — 60 sks, Modoera, Sourabaya
162 sks, Modoera, Batavia
SIFTINGS — 120 sks, Modoera, Batavia
VANILLA BEANS — 18 cs, Williams-Dimon Co, Hauraki, Papeete
WATER, MINERAL — 24 cs, A Jacquemart, Wyoming, Havre

Savannah Imports

PEATMOSS — 300 bls, Schoharie, Bremen
POTASH, MURIATE — 8,000 tons, Oregon, Barcelona
SODA PHOSPHATE — 8 cks, Sundance, Glasgow
TAPIOCA FLOUR — 500 bgs, Silveryew, Batavia
3,064 bgs, Weltevreden, Rotterdam

Seattle Imports

ACID, CITRIC—20 cs, Makiki, Honolulu
BLEACHING POWDER — 10 cs, Balfour, Guthrie & Co, Moveria, Liverpool
CHEMICALS—74 dms, Elbe, Hamburg
CELERY SEED—40 sks, Salawati, Singapore
HOPS—38 bls, S S Steiner, Vancouver, Antwerp
MOLASSES—300 tons, Manini, Hilo
2,464,000 lbs, Makiki, Mahukona
OIL, LUBRICATING—40 dms, Kuhne Libby, Elbe, Antwerp
PEPPER—86 sks, Salawati, Oosthaven

Tacoma Imports

OIL, CODLIVER, MED—10 bbls, Lien & Selvig, Laurits Swenson, Oslo
POTASH CHLORATE—200 cks, C W Campbell Co, Elbe, Antwerp
SODA NITRATE—994 sks, Guaranty Trust Co of N Y, Canac, Tocopilla
TAPIOCA FLOUR—100 sks, American Trust Co, Salawati, Sourabaya

Tampa Imports

SOAP—1 cs, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwidale, June 18; Alegrete, June 20; Argentino, May 19; British Prince, June 10; Chesley R, June 24; Chiriqui, June 4; City of Baghdad, June 18; Cold Harbor, June 18; Conte Savoia, June 17; De Grasse, June 18; Deutschland, June 15; Estrella, May 21; Excalibur, June 7; Excambion, May 10; Exchester, June 15; Exeter, June 21; Gerolstein, June 17; Golden Sun, June 17; Hamaren, June 17; Ingria, June 18; Konigstein, May 6; Muncaster Castle, June 14; Olympia, June 17; Pilsudski, June 20; Porto Rico, June 18; Potter, June 21; Schodack, June 21; Southern Cross, June 17; Thode Fagelund, June 22; Transylvania, June 21; Turksib, June 17; Vaclite, June 24; Veendam, June 17; Zarembo, May 24

ALUMINA, SULPHATE—22,400 lbs, Agwidale, Vera Cruz; 50,500 lbs, Olympia, Port Spain
ASPHALT — 8,615 lbs, Exchester, Salonica; 10,036 lbs, Estrella, Casablanca; 8,896 lbs, Potter, Brisbane; 10,940 lbs, Almena, San Pedro
BENZOL—2,750 gls, Argentino, Buenos Aires
CALCIUM, ARSENATE—5,520 lbs, Excambion, Haifa
CHLORIDE—37,259 lbs, Exchester, Piraeus
CEMENT, WATERPROOF — 4,510 lbs, Schodack, Havre
CHALK, PRECIP—178,200 lbs, Potter, Sydney
CLAY—10,100 lbs, Exeter, Alexandria; 33,600 lbs, Deutschland, Riga
COALTAR—5,600 lbs, Chiriqui, Havana
CORN FLOUR — 3,525 lbs, Muncaster Castle, Manila
SUGAR — 14,100 lbs, Gerolstein, Amsterdam
SYRUP — 12,883 lbs, Hammaren, Gothenburg-Stockholm; 15,100 lbs, Excalibur, Alexandria; 22,515 lbs, Muncaster Castle, Hongkong; 31,510 lbs, City of Baghdad, Wellington
DEXTRIN — 3,045 lbs, Konigstein, Antwerp; 13,536 lbs, City of Baghdad, Auckland; 4,040 lbs, Chiriqui, Havana
CORN — 3,550 lbs, Hammaren, Gothenburg-Stockholm; (Potter) 18,048 lbs, Sydney; 13,576 lbs, Melbourne
DICHLORODIFLUOROMETHANE — 1,214 lbs, Veendam, Amsterdam; 6,428 lbs, Argentino, Buenos Aires
DIPHENYLGUANIDINE — 805 lbs, Argentino, Santos
DYES — (Southern Cross) 5,042 lbs, Santos; 7,719 lbs, Buenos Aires; 3,451 lbs, Black Gull, Rotterdam; 591 lbs, Veendam, Rotterdam; 1,151 lbs, Deutschland, Riga; 3,327 lbs, Argentino, Buenos Aires
ETHYL FLUID — 200 gls, Cold Harbor, Belfast
GASOLINE — 1,375 gls, Chesley R, Burin; 4,200 gls, Ingria, Casablanca; (Potter) 8,250 gls, Brisbane; 39,600 gls, Adelaide; 2,200 gls, City of Baghdad, Dunedin; 2,000 gls, Zarembo, Monrovia
GELATIN — 712 lbs, Chiriqui, Havana
GLASS, PLATE — 9,250 lbs, Chiriqui, Havana
GLUCOSE — 476 lbs, Ingria, Lisbon
SOLID — 602 lbs, Excambion, Alexandria; 610 lbs, Excalibur, Alexandria; 5,640 lbs, British Prince, Capetown; 5,922 lbs, City of Baghdad, Wellington
GLYCERIN — 13,101 lbs, Chiriqui, Havana
GREASE, LUBRICATING — 11,392 lbs, Hammaren, Helsingfors; 2,520 lbs, Exchester, Istanbul; 7,074 lbs, Conte Savoia, Genoa; (Estrella) 1,800 lbs, Casablanca; 17,538 lbs, Saigon; 18,400 lbs, Haiphong; 15,175 lbs, Philippeville; 6,859 lbs, Algiers; 28,465 lbs, Oran; 33,299 lbs, Veendam, Rotterdam; 2,371 lbs, Alegrete, Santos; (Excambion) 2,188 lbs, Marseilles; 8,485 lbs, Alexandria; (Excalibur) 86,460 lbs, Marseilles; 6,226 lbs, Algiers; 4,840 lbs, Oran; 4,462 lbs, Bone; 1,326 lbs, Alexandria; 1,320 lbs, Haifa; (Ingria) 946 lbs, Leixoes; 7,226 lbs, Lisbon; 21,605 lbs, Exeter, Alexandria; (Potter) 2,165 lbs, Brisbane; 27,440 lbs, Sydney; 5,062 lbs, Adelaide; 21,542 lbs, Deutschland, Hamburg; (Gerolstein) 6,880 lbs, Amsterdam; 4,882 lbs, Antwerp; (British Prince) 4,645 lbs, Durban; 8,468 lbs, Lourenco Marques; (City of Baghdad) 19,215 lbs, Auckland; 13,660 lbs, Wellington; (Zarembo) 825 lbs, Dakar; 1,610 lbs, Sassandra; 5,223 lbs, Port Bouet; 5,003 lbs, Takoradi; 665 lbs, Cotonou; 1,501 lbs, Duala; 5,239 lbs, Port Gentil; 2,946 lbs, Point Noire; 12,870 lbs, Matadi; (Argentino) 8,830 lbs, Rio de Janeiro; 5,347 lbs, Santos; 21,124 lbs, Montevideo
INFUSORIAL EARTH—55,100 lbs, Pilsudski, Gdynia
INK, PRINTING — (Argentino) 59,573 lbs, Buenos Aires; 10,480 lbs, Montevideo
INSECTICIDE—6,554 lbs, Hammaren, Stockholm
AGRICULTURAL—2,342 lbs, Conte de Savoia, Genoa; 4,520 lbs, Excalibur, Tel Aviv
IODINE—55 dms, De Grasse, Havre
ISOPROPYL ACETATE—12,900 lbs, Schodack, Havre
KEROSENE—550 gls, Chesley R, Burin
LACQUER — 7,387 lbs, Argentino, Rio de Janeiro
LARD—15,800 lbs, Puerto Rico, San Juan; 79,250 lbs, Cold Harbor, Manchester; 4,988 lbs, Transylvania, Glasgow; 7,884 lbs, Almena, Ciudad; 142,380 lbs, Deutschland, Hamburg; (Chiriqui) 104,475 lbs, Havana; 10,500 lbs, Nuevitas
LINSEED CAKE — 1,420,361 lbs, Black Gull, Rotterdam; 1,585,797 lbs, Konigstein, Rotterdam
LUBRICANTS—15,357 lbs, Hammaren, Stockholm
MAGNESIA (METAL—2,320 lbs, Deutschland, Hamburg
METHANOL—4,180 gls, Potter, Melbourne
METHYL ISOBUTYL KETONE — 8,000 lbs, Schodack, Havre
MINERAL SPTS—4,000 gls, Alegrete, Santos
NAPHTHA—(Zarembo) 32,000 gls, Dakar; 20,000 gls, Conakry; 5,000 gls, Monrovia; 35,000 gls, Sassandra; 85,000 gls, Port Bouet; 6,000 gls, Popo; 7,000 gls, Point Noire; 1,000 gls, Matadi
OIL, CASTOR—4,460 lbs, Muncaster Castle, Manila
COCONUT—25,206 lbs, Argentino, Buenos Aires; 22,092 lbs, Chiriqui, Havana
COOKING—3,770 lbs, Porto Rico, San Juan
CORN—(British Prince) 750 lbs, Capetown; 1,650 lbs, Beira; (City of Baghdad) 1,910 lbs, Auckland; 1,110 lbs, Lyttelton
CYLINDER—182,826 gls, Vaclite, Hamburg
DIESEL—5,500 gls, Chesley R, Grand Bank; (Zarembo) 11,000 gls, Accra; 5,500 gls, Lagos; 825 gls, Apapa
ESSENTIAL—1,551 lbs, Exeter, Marseilles
FLOTATION—(Potter) 2,970 gls, Brisbane; 6,930 gls, Melbourne; 18,480 gls, Adelaide
GAS—(Zarembo) 2,750 gls, Monrovia; 11,000 gls, Popo; 5,500 gls, Libreville; 5,500 gls, Port Gentil
LUBRICATING — (Hammaren) 1,760 gls, Gothenburg; 3,575 gls, Gothenburg-Stockholm; 1,925 gls, Malmo; (Exchester) 5,225 gls, Piraeus; 1,375 gls, Salonica; 4,015 gls, Istanbul; 600 gls, Southern Cross, Santos; 4,362 gls, Conte Savoia, Genoa; (Estrella) 4,150 gls, Leixoes; 18,930 gls, Lisbon; 8,150 gls, Casablanca; 550 gls, Saigon; 1,980 gls, Haiphong; 660 gls, Tunis; 31,444 gls, De Grasse, Havre; 28,219 gls, Veendam, Amsterdam, 4,340 gls, Cold Harbor, Manchester; (Alegrete) 5,850 gls, Rio Janeiro; 3,650 gls, Santos; 45,350 gls, Paranagua; (Transylvania) 3,192 gls, Glasgow; 3,024 gls, Dundee; (Schodack) 2,730 gls, Havre; 2,940 gls, Bordeaux; 59,464 gls, Vaclite, Bremen; (Excambion) 16,800 gls, Marseilles; 1,925 gls, Philippeville; 825 gls, Bone; 5,350 gls, Alexandria; 1,650 gls, Beyrouth; (Excalibur) 2,145 gls, Philippeville; 1,680 gls, Marseilles; 330 gls, Algiers; 3,005 gls, Oran; 825 gls, Bone; 11,715 gls, Tunis; 8,525 gls, Alexandria; 1,210 gls, Tripoli; 275 gls, Haifa; (Ingria) 966 gls, Leixoes; 4,755 gls, Lisbon; 7,315 gls, Casablanca; 15,935 gls, Algiers; 5,370 gls, Oran; 1,045 gls, Tunis; 5,170 gls, Haiphong; (Exeter) 17,565 gls, Marseilles; 3,850 gls, Naples; 8,415 gls, Alexandria; 835 gls, Beirut; 330 gls, Haifa; 1,825 gls, Ingrid, Demerara; (Potter) 10,185 gls, Brisbane; 69,300 gls, Sydney; 77,945 gls, Melbourne; 7,850 gls, Adelaide; 3,300 gls, Almena, Ciudad; 3,000 gls, Olympia, Ciudad; 20,735 gls, Agwidale, Tampico; (Deutschland) 105,935 gls, Hamburg; 7,590 gls, Memel; 2,200 gls, Riga; (Konigstein) 14,305 gls, Rotterdam; 1,848 gls, Brussels; (Gerolstein) 420 gls, Amsterdam; 1,215 gls, Zurich; 1,320 gls, Berne; 13,860 gls, Antwerp; (British Prince) 1,100 gls, Capetown; 7,920 gls, Durban; 1,045 gls, Lourenco Marques; 3,575 gls, Muncaster Castle, Manila; (City of Baghdad) 73,370 gls, Auckland; 48,455 gls, Wellington; 1,100 gls, Napier; 33,605 gls, Lyttelton; 29,645 gls, Dunedin; 1,320 gls, Timaru; 2,200 gls, Argentino, Buenos Aires; (Thode Fagelund) 5,130 gls, Rio Janeiro; 16,140 gls, Porto Alegre; 9,360 gls, Chiriqui, Havana; (Zarembo) 17,260 gls, Dakar; 1,475 gls, Conakry; 4,150 gls, Sassandra; 2,310 gls, Port Bouet; 10,040 gls, Takoradi; 550 gls, Winnebah; 1,375 gls, Accra; 700 gls, Popo; 8,615 gls, Cotonou; 2,010 gls, Lagos; 825 gls, Port Harcourt; 2,450 gls, Duala; 1,675 gls, Libreville; 6,485 gls, Port Gentil; 17,370 gls, Point Noire; 275 gls, Apapa; 75,680 gls, Matadi
TRANSFORMER—550 gls, Veendam, Rotterdam
OILCAKE—396,575 lbs, Black Gull, Rotterdam
PAINT—5,122 lbs, Porto Rico, San Juan; 30,667 lbs, Hammaren, Stockholm; 7,531 lbs, Estrella, Lisbon; 1,803 lbs, Konigstein, Basle; 19,880 lbs, Muncaster Castle, Manila; 13,772 lbs, Golden Sun, Honolulu; (Argentino) 13,713 lbs, Rio de Janeiro; 13,618 lbs, Buenos Aires
THINNER—6,600 gls, Southern Cross, Buenos Aires
PARAFFIN—(Cold Harbor) 11,343 lbs, Dublin; 363,852 lbs, Cork; 12,150 lbs, Schodack, Havre; 20,158 lbs, Almena, San Pedro; 2,540 lbs, Deutschland, Gothenburg; 25,194 lbs, Argentino, Santos; 6,060 lbs, Chiriqui, Havana
PETROLATUM, MEDICINAL—17,760 lbs, City of Baghdad, Auckland
PETROLEUM, REFD — 10,000 gls, Olympia, Ciudad; 7,000 gls, Almena, Sanchez; (Zarembo) 15,500 gls, Conakry; 10,250 gls, Dakar; 7,000 gls, Monrovia; 16,000 gls, Sassandra; 5,400 gls, Port Bouet; 6,000 gls, Popo; 7,000 gls, Point Noire; 1,000 gls, Matadi
PINETAR—1,053 lbs, Porto Rico, Mayaguez
PITCH—175,676 lbs, Ingria, Oran
PROPYLENEGLYCOL — 141 lbs, Schodack, Havre
RESIN, COALTAR—6,175 lbs, Estrella, Casablanca
SYNTHETIC—1,029 lbs, Deutschland, Hamburg
ROSIN—4,872 lbs, Hammaren, Gothenburg; 890 lbs, Deutschland, Hamburg
SOAP—(Porto Rico) 2,800 lbs, San Juan; 14,000 lbs, Mayaguez; 5,200 lbs, Schodack, Havre
LAUNDRY—8,400 lbs, Porto Rico, Mayaguez
SODA, ASH—(Agwidale) 33,600 lbs, Tampico; 45,200 lbs, Progresso; (City of Baghdad) 7,675 lbs, Auckland; 20,115 lbs, Wellington
BROMIDE—84,480 lbs, Turksib, Leningrad
CAUSTIC—(Agwidale) 232,515 lbs, Vera Cruz; 340,072 lbs, Tampico; (Argentino) 143,600 lbs, Santos; 22,400 lbs, Montevideo; 1,159,440 lbs, Buenis Aires
HYDROSULPHITE — 1,230 lbs, Veendam, Rotterdam; 2,775 lbs, Chiriqui, Havana
HYPOSULPHITE, PRISM—2,590 lbs, Southern Cross, Santos
PHOSPHATE TRI—2,270 lbs, Hammaren, Helsingfors
SILICATE—1,600 lbs, Hammaren, Gothenburg
SULPHITE—793 lbs, Southern Cross, Santos
SOOT—56,368 lbs, Ingria, Oran
STARCH, CORN — 2,115 lbs, Hammaren, Gothenburg-Stockholm; 27,875 lbs, Veendam, Rotterdam-Amsterdam; 2,256 lbs, Excambion, Alexandria; 90,240 lbs, Excalibur, Alexandria; 33,960 lbs, Exeter, Alexandria; 1,061 lbs, Muncaster Castle, Hongkong
TALC—22,400 lbs, Cold Harbor, Cork
TOLUOL, SOL—9,440 lbs, Turksib, Leningrad
TRICHLOROMONOFLUOROMETHANE—2,856 lbs, Argentino, Rio de Janeiro
TURPENTINE—1,000 gls, Alegrete, Rio de Janeiro; (City of Baghdad) 6,050 gls, Auckland; 11,105 gls, Wellington; 1,375 gls, Wanganui; 650 gls, Dunedin; 1,000 gls, Thode Fagelund, Rio de Janeiro; 2,500 gls, Argentino, Buenos Aires
UREA—10,125 lbs, Veendam, Rotterdam
CRYSTALS—16,200 lbs, Turksib, Leningrad
VARNISH—2,578 lbs, Southern Cross, Buenos Aires
ZINC OXIDE—4,890 lbs, Chiriqui, Havana
ZIRCON OXIDE—6,983 lbs, Southern Cross, Buenos Aires

Baltimore Exports

Clearance Dates

Blankaholm, June 24; Cadmus, June 27; Delaware, June 27; San Bernardino, June 24; Sarcoxie, June 22; West Cawthon, June 24

ACID, CHROMIC — 3,300 lbs, Sarcoxie, Hamburg
AMMONIA SULPHATE—500 tons, West Cawthon, Port Natal
BAYBERRY BARK — 1,028 lbs, Sarcoxie, London
BLUE VITRIOL CRYSTALS — 1,200,000 lbs, Cadmus, Tela
CADMIUM LITHOPONE — 3,920 lbs, Sarcoxie, London
CHEMICAL COMP — 30 gls, Sarcoxie, London
CORNFLOUR — 7,000 lbs, Blankaholm, Oslo
COPRA CAKE — 220 tons, Blankaholm, Gothenburg
COTTON ROOT BARK — 2,193 lbs, Sarcoxie, Hamburg
DRUGS — (Sarcoxie) 17,062 lbs, Havre; 4,400 lbs, Hamburg
GREASE, LUBRICATING — 43,890 lbs, Sarcoxie, Budweis; (San Bernardino) 4,182 lbs, Chile; 1,300 lbs, Panama
INSECTICIDE — 1,252 lbs, San Bernardino, Colombia
MOLYBDENUM CONCE — 10,000 lbs, Sarcoxie, Havre
OIL, LUBRICATING — 48,540 gls, Delaware, Copenhagen
PARAFFIN — 150,471 lbs, Sarcoxie, Havre
POLISH, AUTO — 2,876 lbs, Sarcoxie, Slough Buck; 1,908 lbs, West Cawthon, Durban
POTASH BICHROMATE — 769 lbs, Sarcoxie, Memel
PORCELAIN ENAMEL FRIT — 200 lbs, Delaware, Oslo
RUTILE — 10,409 lbs, Sarcoxie, Hamburg
STARCH — 33,600 lbs, Sarcoxie, London; 4,400 lbs, Blankaholm, Gothenburg

Beaumont Exports

Clearance Dates

Davanger, June 24; Edgehill, June 22; Java Arrow, June 27; Jole Fassio, June 28; West Gambo, June 23

BLACK, CARBON—500 cs, Edgehill, London; (West Gambo) 29 tons, Glasgow; 2,240 bgs, Bristol
PETROLEUM, CRUDE—80,071 bbls, Davanger, Montreal; 88,004 bbls, Java Arrow, Naples; 7,200 tons, Jole Fassio, Venice

SOAPSTOCK, COTTONSEED—100 bbls, Edgehill, Hull; (West Gambo) 150 bbls, Glasgow; 30 bbls, Belfast
SULPHUR—45 tons, West Gambo, Glasgow

Boston Exports

Clearance Dates

American Farmer, June 27; Black Heron, June 25; City of Birmingham, June 27; Darien, June 24; Independence Hall, June 25; Nova Scotia, June 23; Scythia, June 25; Yarmouth, June 28

ACID, ACETIC—1 bbl, 421 lbs, Darien, Havana
NITRIC—15 crbys, 2,100 lbs, Darien, Havana
ALUMINA OXIDE—280 bgs, 3 kgs, 28,943 lbs, Independence Hall, La Courneuve, France
BAKING POWDER—20 pls, 105 bxs, and 11 crts, 5,510 lbs, Nova Scotia, St John's, N F
BLEACHING POWDER—1 ctn, Darien, Fort Randolph, C Z
BLUE, LAUNDRY—1 crtn, 5 lbs, Darien, Fort Randolph, C Z
CEMENT, CAN — 9 dms, 564 lbs, Scythia, Liverpool
LINOLEUM—1 bx, 60 lbs, Darien, Cristobal
RUBBER—1 bx, Yarmouth, Halifax
CHEMICALS—15 dms, 555 lbs, Independence Hall, Havre
CLAY—216 bbls, 26 tons, Independence Hall, La Courneuve
DRESSING, BELT—10 cs, 1,575 lbs, Scythia, Dundee
LEATHER—1 dm, 50 lbs, Nova Scotia, St John's, N F
SHOE—1 cs, 3 lbs, Darien, Havana
DRYER, WHITE—10 dms, 565 gls, Nova Scotia, St John's, N F
FERTILIZER, LEATHER WASTE—360 bls, 243,862 lbs, Independence Hall, Havre
FLUX—7 dms, 940 lbs, Independence Hall, Havre; 10 dms, 1,325 lbs, Black Heron, Antwerp
GREASE, LUBRICATING — 14 cs, 504 lbs, Nova Scotia, St John's, N F
SOAP—15 bbls, 6,377 lbs, Darien, Santa Clara
INK, MARKING—1 cs, 4 lbs, Black Heron, Zurich
PRINTING—1 kit, 30 lbs, Darien, Havana; 1 cs, 139 lbs, Scythia, Manchester
WRITING—4 pkgs, Nova Scotia, St John's, N F
KEROSENE—50 bbls, 2,750 gls, Nova Scotia, St John's, N F
LACQUER—7 dms, 364 gls, Black Heron, Wiltz
LARD—350 bxs, 9,800 lbs, Scythia, Liverpool
LINING COMP—47 dms, 20,583 lbs, Independence Hall, Havre; 9 dms, 4,942 lbs, Black Heron, Antwerp
LUBRICANT, DRAWING—1 dm, 43 lbs, Black Heron, Antwerp
MEDICINAL PREPS—6 straps and 5 cs, 345 lbs, Darien, Havana; 5 cs, 266 lbs, Nova Scotia, St John's, N F
MOLASSES—30 bbls, 1,650 gls, Black Heron, Antwerp
MUCILAGE—2 pkgs, 40 lbs, Darien, Fort Sherman, C Z; 2 pkgs, 61 lbs, Nova Scotia, St John's, N F
OIL, COCONUT — 8 dms, 8,760 lbs, City of Birmingham, Montreal
CREOSOTE—4 dms, 216 gls, Nova Scotia, St John's, N F
FISH—15 bbls, 5,807 lbs, Darien, Havana
LUBRICATING—1 bbl, 355 lbs, American Farmer, Abadan, Iran
NEATSFOOT—5 dms, 2,026 lbs, Darien, Havana
PAINT—13 cs, 77 gls, Nova Scotia, St John's, N F
COPPER—10 cs, 100 gls, Darien, Colon
SUBMARINE—10 dms, 560 gls, Nova Scotia, St John's, N F
PARAFFIN—153 bgs, 33,660 lbs, Independence Hall, Nantes
PASTE, ADHES—5 dms, 280 lbs, Independence Hall, Havre; 20 dms, 1,120 lbs, Black Heron, Antwerp
POLISH, SHOE—2 bxs, 54 cs, Darien, Havana; 12 cs, 120 gls, Scythia, Leicester; 9 crtns, 112 lbs, Nova Scotia, St John's, N F
PUTTY—14 cs, 10 dms, and 6 crtns, 2,396 lbs, Nova Scotia, St John's, N F
SOAP, MEDICATED—1 cs, 9 lbs, Nova Scotia, St John's, N F
SODA, SULPHATE—100 cks, 100 bbls, 34,000 lbs, Darien, Havana
TALC, POWDER—1 cs, 24 lbs, Nova Scotia, St John's, N F
TARTAR COMP—1 crtn, 60 lbs, Nova Scotia, St John's, N F
TOILET PREPS—1 cs, 12 lbs, Nova Scotia, St John's, N F
VARNISH—6 cs, 4 pls, 54 gls, Nova Scotia, St John's, N F
WAX, SHOE—1 crtn, 50 lbs, Nova Scotia, St John's, N F

Galveston Exports

Clearance Dates

Baldhill, June 25; Edgehill, June 25; Effingham, June 27; El Grillo, June 25; Erlangen, June 24; John Knudsen, June 24; Leerdam, June 27; Mathias Stinnes, June 24; Northmoor, June 22; Ranella, June 23; Stella Lykes, June 25

ANTIMONY ORE — 50 tons, Leerdam, London
ASPHALT — 92 tons, Edgehill, Hamburg
BLACK, CARBON — (Erlangen) 6,330 bgs, 304 cs, Sydney; 1,224 bgs, 1,100 cs, Melbourne; (Mathias Stinnes) 625 bgs, Liverpool; 35 cs, Manchester; 25 tons, Effingham, Havre; (Leerdam) 8 tons, London; 2 tons, Antwerp
CONCENTRATES — 352 bbls, Mathias Stinnes, Liverpool
KEROSENE — 22 tons, Stella Lykes, Port au Prince
MOLYBDENITE — 88 tons, Leerdam, London
OIL, GAS — 6,500 tons, Ranella, Germany; 67,000 bbls, Baldhill, Curacao
PETROLEUM, CRUDE — 13,500 tons, John Knudsen, Havre; 80,000 bbls, El Grillo, Montreal
SULPHUR — 7,600 tons, Northmoor, Geelong; (Erlangen) 2,540 bgs, Sydney; 1,000 tons, Adelaide; 1,000 tons, Port Kembla; (Leerdam) 80 tons, London; 5 tons, Antwerp-Rotterdam

Houston Exports

Clearance Dates

Agnita, June 27; Ancylus, June 27; Edgehill, June 27; Effingham, June 27; Erlangen, June 23; Havprins, June 28; Kongsgaard, June 28; Leerdam, June 25; Lucia C, June 28; Mathias Stinnes, June 27; Mercury Sun, June 22; San Tiburcio, June 22; Thelma, June 23

BLACK, CARBON—15 tons, Erlangen, Sydney; (Leerdam) 179 tons, London; 3 tons, Leith; 1 ton, Newcastle; 30 tons, Rotterdam; 440 bgs, 200 cs, Edgehill, Hamburg; (Effingham) 150 cs, 3,900 bgs, Havre; 1,792 bgs, Antwerp; 25 cs, Rotterdam; (Mathias Stinnes) 250 cs, 1,648 bgs, Manchester; 23 cs, 948 bgs, Liverpool; 5,600 bgs, Liverpool-Manchester; (Lucia C) 300 bgs, Bourgas; 1 cs, Tel Aviv; 141 cs, Fiume
CLAY—1,344 bgs, Mathias Stinnes, Liverpool
GASOLINE—117,000 bbls, Mercury Sun, Montreal; 1,500 tons, Agnita, Holland via Lands End; 10,600 tons, Ancylus, Montreal; (Kongsgaard) 4,988 tons, London; 3,705 tons, Grangemouth; 5,165 tons, Amsterdam
OIL, GAS—8,000 tons, San Tiburcio, United Kingdom; 3,000 tons, Agnita, Holland
PETROLEUM, CRUDE—9,000 tons, Thelma, Trieste; 95,000 bbls, Havprins, Montreal

Los Angeles Exports

Clearance Dates

Azumasan, June 17; Bokuyo, June 18; Chichibu, June 18; Damsterdijk, June 22; Fujisan, June 13; Genyo, June 20; Kansai, June 24; Kingsbury, June 28; Kunikawa, June 17; Madoera, June 22; Margaret Johnson, June 14; Meton, June 19; Molokai, June 16; Monterey, June 22; Nozima, June 14; Rhemius, June 14; Pleasantville, June 13; Regulus, June 22; Rosebank, June 13; San Conrado, June 22; Tacoma, June 13; W H Berg, June 24; Wairuna, June 13; West Ivis, June 20

ACID—40 lbs, Bokuyo, San Antonio
BORIC—4,700 bgs, 524,480 lbs, Tacoma, Hamburg; (Wairuna) 20 bgs, 2,240 lbs, Wellington; 5 bgs, 560 lbs, Melbourne; 13 bgs, 1,460 lbs, Dunedin
CRESYLIC—366,530 lbs, Bokuyo, San Antonio
ASPHALT—(Wairuna) 24 bgs, 4,480 lbs, Wellington; 36 bgs, 7,620 lbs, Melbourne
BARYTES—500 bgs, 50,000 lbs, Monterey, Gisborne
BLACK, CARBON—91,000 lbs, Kansai, Yokohama
BORATE—(Tacoma) 10,420 bgs, 1,814,810 lbs, Hamburg; 1,999 bgs, 389,390 lbs, Antwerp; (Wairuna) 100 bgs, 11,200 lbs, Wellington; 1,700 bgs, 176,950 lbs, Sydney; 875 bgs, 167,230 lbs, Kansai, Osaka; 1,220 bgs, 134,500 lbs, West Ivis, Santos
BORAX—98 bgs, 10,980 lbs, Nozima, Osaka; 448 cs, 44,800 lbs, Madoera, Lourenco Marques; (Wairuna) 10 bgs, 1,120 lbs, Wellington; 7 bgs, 780 lbs, Dunedin; 160 bgs, 17,920 lbs, Melbourne; 340 bgs, 38,080 lbs, Sydney
GRANULAR—50 bgs, 5,600 lbs, Wairuna, Wellington
POWDERED—100 bgs, 112,000 lbs, Monterey, Melbourne
CHEMICALS — 10 dms, 1,000 lbs, Margaret Johnson, Barranquilla
CLAY — 40 sx, 2,240 lbs, Kunikawa, Havana
GROUND — (West Ivis) 600 sx, 60,480 lbs, San Fernando; 300 sx, 30,240 lbs, Port of Spain; 400 bgs, 44,800 lbs, Gisborne
GASOLINE — 5,313 bbls, 1,386,600 lbs, Fujisan, Tokuyama; 11,930 bbls, 3,113,730 lbs, Genyo, Tokuyama; (Wairuna) 100 cs, 50 dms, 24,700 lbs, Papeete; 50 dms, 16,440 lbs, Wellington; 101,584 bbls, 26,513,420 lbs, San Conrado, London; (W H Berg) 49,227 bbls, 12,848,250 lbs, Avonmouth; 49,227 bbls, 12,848,250 lbs, Bowling
GLUE — 600 lbs, Phemius, Manila
LABEL — 90 lbs, Phemius, Manila
GUM, CHICLE — 63,480 lbs, Monterey, Sydney
INFUSORIAL EARTH — 3,020 bgs, 306,500 lbs, Rosebank, Vancouver; (Tacoma) 66 bgs, 6,600 lbs, Havre; 111 bgs, 11,270 lbs, Hamburg; 21,650 lbs, Antwerp; 1,344 bgs, 134,400 lbs, Wairuna, Auckland; 250 bgs, 25,000 lbs, Bokuyo, Buenaventura; (Kunikawa) 100 bgs, 10,000 lbs, Havana; 1,000 bgs, 100,000 lbs, Central Hershey; (Monterey) 200 bgs, 20,000 lbs, Sydney; 112 bgs, 11,200 lbs, Melbourne
KEROSENE — (Wairuna) 500 cs, 42,500 lbs, Papeete; 30 dms, 10,830 lbs, Auckland; 250 dms, 89,770 lbs, Sydney; 100 cs, 8,500 lbs, Napier
ILLUMINATING — 15 dms, 90 cs, 13,060 lbs, Wairuna, Auckland
LACQUER — 4,450 lbs, Pleasantville, Manila
METHYL ETHYL KETONE — 6 dms, 2,200 lbs, West Ivis, Santos
OIL, CASTOR — 550 lbs, Phemius, Manila
DIESEL — 79,734 bbls, 24,877,000 lbs, Kingsbury, Balboa; 74,748 bbls, 23,321,380 lbs, Meton, Curacao; 4,284 bbls, 1,336,540 lbs, Azumasan, Tama
FUEL — 3,240 bbls, 1,081,970 lbs, Chichibu, Kobe; 93,773 bbls, 31,226,410 lbs, Regulus, Balboa
LEMON — 250 lbs, Monterey, Melbourne
ORANGE — 250 lbs, Monterey, Melbourne
ORANGE, DIST — 750 lbs, Margaret Johnson, London; 560 lbs, Monterey, Auckland
PAINT—1,190 lbs, Pleasantville, Palembang
LIQUID—1,320 lbs, Phemius, Manila; 340 lbs, Molokai, Ensenada
PECTIN, CITROUS—(Monterey) 2,300 lbs, Sydney; 500 lbs, Melbourne
PETROLEUM, CRUDE—82,831 bbls, 25,843,270 lbs, Fujisan, Tokuyama; 72,937 bbls, 22,756,340 lbs, Genyo, Tokuyama
GAS, LIQ—(Rosebank) 7,680 lbs, Vancouver; 9,370 lbs, Victoria
ROSIN, GUM—(Kansai) 9,500 lbs, Yokohama; 67,500 lbs, Osaka
SHELLAC—3,000 lbs, Damsterdijk, Vancouver
SILICATE—300 bgs, 31,360 lbs, Monterey, Melbourne
SODA, ASH—300 bgs, 66,140 lbs, West Ivis, Sao Paulo; (Monterey) 282 bgs, 49,840 lbs, Auckland; 150 bgs, Sydney
SULPHITE—25 sx, 2,500 lbs, Monterey, Sydney
SOLVENTS—122 dms, 44,650 lbs, Wairuna, Sydney; (Margaret Johnson) 39 dms, 14,260 lbs, Helsingfors; 80 dms, 28,700 lbs, Oslo; 6 dms, 2,150 lbs, Abo; 16 dms, 5,730 lbs, Copenhagen
TALC—92 sx, 8,960 lbs, Margaret Johnson, Cartagena
TOILET PREPS—3,560 lbs, Pleasantville, Shanghai; 1,300 lbs, Kunikawa, Havana; 300 lbs, Monterey, Sydney

Mobile Exports

Clearance Dates

Gerd, June 22; Isabella, June 21

AMMONIA SULPHATE—5,000 bgs, Isabella, Jobos
ROSIN, GUM—100 bbls, Gerd, Havana
TURPENTINE—15 cs, Gerd, Havana

New Orleans Exports

Clearance Dates

Aquarius, June 11; Avacus, June 22; Blommersdijk, June 21; Burgerdijk, June 15; City of Joliet, June 17; Contessa, June 21; Edgehill, June 16; Endicott, June 21; Floride, June 21; Frontenac, June 26; Helle, June 16; Lucia C, June 22; Lysefjord, June 22; Marina O, June 22; Morazan, June 23; Norden, June 3; Nordvangen, June 4; Sixaola, June 21; Tegucigalpa, June 17; Toloa, June 14; Ulua, June 10; Vinni, June 23; West Camak, June 21

ASPHALT—284 dms, Ulua, Cristobal; 45 tons, Floride, Havre; 300 dms, Contessa, Corinto; 46 dms, Sixaola, Puerto Cortez
ASPHALT, GILSONITE—(Burgerdijk) 5 tons, Rotterdam; 27 tons, London; 15 tons, Amsterdam; (Endicott) 9 tons, Havre; 5 tons, Rotterdam; 2 tons, City of Joliet, London
LIQUID—500 dms, Sixaola, Belize
BAKING POWDER—200 ctns, Toloa, Tela; 1 ton, Sixaola, Belize
BLACK, CARBON—(Burgerdijk) 57 tons, London; 1 ton, Antwerp; 1 ton, Rotterdam; 1 ton, Amsterdam; 103 cs, Vinni, Kobe; 8 tons, Marina O, Genoa; (Blommersdijk) 8 tons, London; 1 ton, Antwerp; 1 ton, Rotterdam; (Aquarius) 28 tons, Liverpool-Manchester; 64 tons, Manchester; (Endicott) 48 tons, Havre; 9 tons, Antwerp; 2 tons, Floride, Havre; 98 tons, City of Joliet, London; (Norden) 5 cs, 105 sx, Kobe; 328 cs, Kobe-Yokohama-Osaka
CHARCOAL, ANIMAL—3 tons, City of Joliet, London
CLAY—230 tons, Marina O, Naples; 135 tons, Floride, Havre; (Endicott) 60 tons, Havre; 15 tons, Rotterdam
GROUND—15 tons, Aquarius, Manchester
COTTONSEED HULL SHAVING PULP—18 tons, Aquarius, Manchester; 23 tons, Endicott, Rotterdam; 38 tons, City of Joliet, London
MEAL—160 sx, Lysefjord Kingston
FERTILIZER—28 sx, Lysefjord, Kingston
FIRECLAY—(Contessa) 68 tons, Havana; 1 ton, Celba
GASOLINE—11,000 tons, Acavus, Rotterdam; 100 dms, Lysefjord, Livingston
GREASE — 5 dms, Helle, Maracaibo
LUBRICATING — 7 tons, Marina O, Genoa; 151 dms, Tegucigalpa, Vera Cruz; 100 cs, Nordvangen, Kinston; 25 dms, Lysefjord, Puerto Barrios
INK — 10 dms, Ulua, Havana
INSECTICIDE, LIQ — 5 dms, Contessa, Havana
KEROSENE — 150 cs, 44 dms, Ulua, Puerto Limon; 4,350 cs, Sixaola, Puerto Barrios; (Lysefjord) 45 dms, Puerto Barrios; 10 dms, 300 cs, Livingston
LARD — (Ulua) 250 tins, 710 dms, Havana; 150 tins, Panama; 250 tins, Tegucigalpa, Vera Cruz; 300 tins, Morazan, Vera Cruz; 200 tins, Contessa, Panama; 250 cans, Helle, Maracaibo; 60 crts, 166 tins, Sixaola, Belize; 660 dms, 55 tins, 10 crts, Lysefjord, Santiago
LIME — 2,797 sx, Lysefjord, Kingston
MOLASSES — (Marina O) 760 tons, Genoa; 240 tons, Leghorn
MOLYBDENITE, CONC — 65 tons, Endicott, Rotterdam
NAPHTHA — 6 dms, Nordvangen, Georgetown
OIL, COOKING — 50 cs, Toloa, Puerto Barrios
FUEL—75 dms, Lysefjord, Livingston; (Contessa) 325 bbls, Puerto Cabezas; 1,400 bbls, Celba
GAS — 27 dms, Lysefjord, Livingston
LUBRICATING—800 cs, Nordvangen, Kingston; 81 tons, City of Joliet, London; 5 tons, Burgerdijk, London; (Marina O) 31 tons, Genoa; 9 tons, Naples; (Lysefjord) 37 dms, 106 ctns, 67 crts, Puerto Barrios; 14 dms, Livingston; 62 tons, Endicott, Rotterdam; (Floride) 10 tons, Bordeaux; 82 tons, Havre; 7 tons, Dunkirk; 5 dms, Nordvangen, Pointe a Pitre; 240 bbls, West Camak, Genoa; (Contessa) 9 dms, 20 qtr dms, Cabezas; 8 dms, Celba; 14 dms, Helle, Maracaibo; 340 cs, 5 pails, 20 dms, Ulua, Havana
REFINED — 300 cs, Ulua, Puerto Limon
PAINT — 313 dms, Helle, Maracaibo
PETROLATUM—24 tons, Blommersdijk, London; 29 tons, Endicott, Rotterdam
PARAFFIN—25 tons, Blommersdijk, London; 100 sx, Sixaola, Puerto Barrios; 22 tons, Aquarius, Manchester; 33 tons, City of Joliet, London; (Endicott) 2 tons, Havre; 12 tons, Antwerp; (Marina O) 152 tons, Genoa; 49 tons, Leghorn; 2,605 sx, Lucia C, Naples; 1 ton, Floride, Bordeaux
PETROLEUM, CRUDE — 83,000 bbls, Frontenac, Montreal
PREPS, PHARMACEUTICAL—4 tons, Ulua, Havana
PINETAR—6 tons, Floride, Havre; 15 dms, Tegucigalpa, Vera Cruz; 7 dms, Morazan, Vera Cruz
REDUCING COMP—45 dms, Helle, Maracaibo
ROSIN—22 tons, City of Joliet, London; 16 tons, Marina O, Genoa; (Aquarius) 21 tons, Liverpool; 27 tons, Manchester; 20 dms, Ulua, Buenaventura; 23 tons, Blommersdijk, London
GUM—100 bbls, Ulua, Cartagena
WOOD—(Ulua) 8 dms, San Juan del Sur; 100 dms, Havana; (Contessa) 25 dms, Panama City; 100 dms, Talcahuano
SALT—(Ulua) 25 tons, Havana; 7 tons, Cristobal; (Contessa) 50 tons, Havana; 2 tons, Colon
SHRIMP MEAL—15 sx, Ulua, Cristobal
SOYBEAN MEAL—6 sx, Toloa, Puerto Barrios
STARCH—27 tons, Burgerdijk, Rotterdam
CORN — 55 tons, Burgerdijk, London; 585 tons, Aquarius, Manchester; 166 tons, City of Joliet, London
SULPHUR, CRUDE — 1,850 tons, Edgehill, Hull; 1,000 tons, City of Joliet, London
TITANIUM ORE, CONC—51 tons, City of Joliet, London
TURPENTINE—15 dms, Contessa, Valparaiso

Philadelphia Exports

Clearance Dates

Blankaholm, June 27; Examiner, June 24; Express, June 27; Maasdam, June 27; Maidan, June 29; McKeesport, June 27; Mormacsun, June 29; Tampa, June 25; Trollus, June 28; Vaclite, June 27; West Selene, July 1

ANTI-KNOCK COMP—(Examiner) 60 dms, Oran; 72 dms, Algiers; (Maidan) 340 dms, Abadan; 144 dms, London
BLACK, BONE—70 bgs, Blankaholm, Gothenburg
BRAKE FLUID—3 ctns, Blankaholm, Stockholm
CELLULOSE ACETATE—2 pkgs, Maasdam, Rotrdam
CHEMICALS—175 pkgs, Maasdam, Amsterdam
COMPOUND—23 pkgs, Maasdam, Amsterdam
SPECIALTY—6 cs, 1 ctn, Blankaholm, Stockholm
COCOA CAKE—640 bgs, Maasdam, Amsterdam
COLLODION COTTON—40 bbls, Maasdam, Rotterdam; 235 bbls, 1 bx, Maidan, London
DICHLORODIFLUOROMETHANE — 60 cyls, Maidan, London
ENAMEL—3 pkgs, Maasdam, Amsterdam
FILTER SAND—200 bgs, Maidan, London
GASOLINE—(West Selene) 3,000 cs, Port Esperanca; 3,000 cs, Coromba
GLUE, DRY—1 bx, Mormacsun, Gothenburg
GREASE, LUBRICATING—5 dms, 5 kgs, 37 pls, 5 cs, Blankaholm, Oslo; (Maasdam) 2 pkgs, Rotterdam; 12 pkgs, Amsterdam; 10 qtr dms, Trollus, Sourabaya; 12 dms, Maidan, London
INSECTICIDE—2 pkgs, Maasdam, Rotterdam
IRON ORE—14 pkgs, Maasdam, Rotterdam
KEROSENE—(West Selene) 500 cs, Port Esperanca; 1,500 cs, Coromba
LICORICE PASTE—235 cs, McKeesport, Hull; (Blankaholm) 10 cs, Malmo; 100 cs, Gefle; 85 cs, Maidan, London
POWDER—20 dms, McKeesport, Hull
MANGANESE ORE—8 bbls, Maidan, Bombay
MEDICINAL PREPS—(Tampa) 11 cs, Calcutta; 2 cs, Rangoon; 3 cs, Karachi
NAPHTHA—1 cs, McKeesport, Berlin
OIL, CAMPHOR, WHITE—3 dms, Maidan, London
LUBRICATING—20 dms, Express, Tunis; 110 dms, 50 cs, 325 ctns, Casablanca; 15 dms, Oran; (Tampa) 1,100 dms, 1,370 cs, Karachi; 1 bx, 522 dms, 15 cs, Bombay; 15 dms, Madras; 20 dms, Calcutta; (Vaclite) 784 bbls, Zagreb; 2,760 bbls, Prague; 2,933 bbls, Vienna; 1,651 bbls, Budapest; 23,665 bbls, Bremen; 8,311 bbls, Liverpool; (Blankaholm) 414 pkgs, Malmo; 1,129 pkgs, Gothenburg; 165 dms, 1,774 pkgs, Stockholm; 167 pkgs, Sundsvall; 273 pkgs, Norrkoeping; 164 pkgs, Helsingborg; 890 pkgs, Viipuri; 336 pkgs, Helsinki; 165 pkgs, Turku; 5 dms, Helsingfors; (Maasdam) 1,333 bbls, 67 pkgs, Rotterdam; 42 pkgs, Amsterdam; (Troilus) 410 pkgs, Bangkok; 40 pkgs, Port Swettenham; 115 pkgs, Macassar; 20 pkgs, Menado; 138 pkgs, Penang; 45 pkgs, Singapore; 518 pkgs, Sourabaya; 598 pkgs, Semarang; 692 pkgs, Batavia; 75 pkgs, Sibolga; 85 pkgs, Padang; 255 pkgs, Medan; 140 pkgs, Palembang; 29 dms, 6 pls, Sourabaya; 18 ctns, Cheribon; 213 bbls, 30 cs, 25 dms, Maidan, London; (Mormacsun) 5 bbls, Gothenburg; 50 bbls, Copenhagen; 14 dms, Helsingfors
PAINT—2 ctns, Blankaholm, Stockholm
PARAFFIN — 200 bgs, Examiner, Casablanca; 51 bgs, Tampa, Madras; 132,000 lbs, Vaclite, Liverpool; (Mormacsun) 83 bbls, Copenhagen; 172 bbls, Stockholm
POLISH, AUTO — 10 ctns, Blankaholm, Stockholm; 17 pkgs, Maasdam, Amsterdam
RESIN, COALTAR — 14 dms, 2 cs, Maidan, London
SOAP — 2 pkgs, Maasdam, Amsterdam
SODA, CYANIDE — 2 dms, Tampa, Bombay

Port Arthur Exports

Clearance Dates

Nina Borthen, June 23; Elsa, June 27; Gylfe, June 20, Kollbjorg, June 27; Meline, June 24; Monflore, June 23; Nueva Granada, June 23; Norvinn, June 23; Portofino, June 18; South America, June 18; West Camak, June 24

ASPHALT — 195 dms, 15 cs, Nueva Granada, Stockholm
BLENDING FLUID — 10 bbls, Nina Borthen, Bilbao-Pasages; 38 bbls, Elsa, Santander-Bilbao
GASOLINE — (South America) 43,332 bbls, Liverpool; 25,986 bbls, Thameshaven; 95,678 bbls, Nueva Granada, Stockholm-Malmo; 73,590 bbls, Nina Borthen, Bilbao-Pasages; 67,013 bbls, Elsa, Santander-Bilbao; (Kollbjorg) 5,781 bbls, Rio de Janeiro; 5,237 tons, Santos
GREASE, LUBRICATING — (Nueva Granada) 225 cs, 495 dms, Stockholm; 92 dms, 65 cs, Malmo; 215 bbls, 40 dms, Monflore, Genoa
KEROSENE — 3,303 bbls, South America, Liverpool; 8,124 bbls, Nueva Granada, Stockholm-Malmo
OIL, DIESEL — 3,318 bbls, South America, Liverpool; 66,608 bbls, Gylfe, Ertvelde; 60,657 bbls, Norvinn, Hamburg; 4,085 bbls, Nueva Granada, Stockholm-Malmo
LUBRICATING — 10,896 bbls, Norvinn, Hamburg; (Nueva Granada) 35 bbls, 1,251 dms, 512 cs, Stockholm; 435 dms, 150 cs, Malmo
LUBRICATING, PALE — 668 bbls, 25 dms, 60 hlf bbls, Monflore, Genoa
PARAFFIN — 30 cs, Nueva Granada, Stockholm; 2,240 bgs, Monflore, Genoa; 3,361 bgs, West Camak, Venice
PETROLEUM, CRUDE — 63,368 bbls, Portofino, Venice; 70,260 bbls, 4 dms, Meline, Bordeaux
SOLVENT CLEANING — (Nueva Granada) 50 dms, Stockholm; 50 dms, Malmo

San Francisco Exports

Clearance Dates

Bokuyo, June 16; Braiara, June 15; Heranger, June 11; Kunikawa, June 15; Loosdrecht, June 13; Molokai, June 11; Pat Doheny, June 15; President Cleveland, June 17; Rosebank, June 17; San Clemente, June 14; Thorsholm, June 16; W B Walker, June 17; Wairuna, June 11

ABRASIVES—4 cs, President Cleveland, Chinnampo
ACETYLENE—2 cyls, Wairuna, Papeete
ACID, BORIC—10 kgs, Rosebank, Vancouver
FATTY—100 sks, Bokuyo, Panama
MURIATIC—1 cs, President Cleveland, Hongkong
NAPHTHENIC—1 cs, President Cleveland, Tokio
NITRIC—4 crbys, President Cleveland, Manila
ALCOHOL—2 cs, Wairuna, Papeete
DENATURED—5 cs, Wairuna, Papeete
AMMONIA, ANHYDR—(President Cleveland) 40 cyls, Manila; 60 cyls, Bangkok
POWDERED—1 cs, Wairuna, Papeete
SULPHATE—91 sks, Wairuna, Papeete
ASPHALT — 860 bbls, President Cleveland, Hongkong
CRUDE—229 sks, President Cleveland, Osaka
GILSONITE — 48 sks, President Cleveland, Yokohama
BALSAM—2 dms, Kunikawa, Cuba
BIOLOGICALS — 2 cs, President Cleveland, Hongkong
BLACK, CARBON—(President Cleveland) 140 cs, Hongkong; 50 cs, Canton; 1 cs, Shanghai
LAMP—1 bbl, President Cleveland, Manila
BLEACHING POWDER — 10 dms, President Cleveland, Hongkong
BLUE, HOUSEHOLD—20 cs, President Cleveland, Manila
ULTRAMARINE—1 kg, Wairuna, Papeete
VITRIOL—100 bbls, President Cleveland, Manila
BORAX—50 sks, 10 bbls, Rosebank, Vancouver
BRAKE FLUID—2 cs, Wairuna, Papeete
CALCIUM, CARBIDE—2 dms, Wairuna, Papeete
CHLORIDE—12 dms, Wairuna, Papeete
METALLIC—1 cs, President Cleveland, Hongkong
CALCIMINE—20 cs, Bokuyo, Colombia
CARBON BISULPHIDE—50 dms, Molokai, Yavaros
CEMENT, FILM—1 cs, Wairuna, Papeete
ROOF—72 cs, President Cleveland, Manila
RUBBER—35 dms, President Cleveland, Manila
CHEMICALS—1 bbl, 1 kg, Wairuna, Papeete; 40 kgs, Rosebank, Vancouver; 1 cs, President Cleveland, Iloilo
PHOTOGRAPHIC, PHOTO — 4 cs, President Cleveland, Hongkong
CHLORINE BLEACH, LIQ — 40 cs, Wairuna, Papeete
CHLOROFORM — 8 cs, President Cleveland, Hongkong
CLEANER — 8 cs, Wairuna, Papeete
LIQUID — 14 cs, President Cleveland, Manila
CLOVES — 2 bls, Molokai, Guaymas
COALTAR — 1 cs, Wairuna, Papeete

COLORS, DRY — (Bokuyo) 10 bbls, Manzanillo; 40 cs, Colombia; 2 bbls, Rosebank, Vancouver; (President Cleveland) 2 kgs, Yokohama; 3 bbls, 12 sks, Shanghai; 5 kgs, Manila
COPPER OXIDE — 39 dms, Rosebank, Victoria
CORE COMP — 120 sks, Rosebank, Vancouver
DENTIFRICE — (President Cleveland) 15 cs, Penang; 32 cs, Singapore
DISINFECTANT, LIQ — 53 cs, Rosebank, Vancouver
DRESSING, LEATHER — 13 cs, President Cleveland, Manila
DRUGS — 2 cs, Wairuna, Papeete; (President Cleveland) 35 cs, Hongkong; 1 cs, Canacao; 47 pkgs, Manila
ENAMEL — 1 cs, Wairuna, Papeete
FILTER PAPER — 1 cs, President Cleveland, Pulupandan
SHEETS — 2 cs, Rosebank, Victoria
FLY SPRAY — 15 cs, Bokuyo, Callao; 2,011 bbls, W B Walker, Sydney-Melbourne
GASOLINE — 696 dms, 440 cs, Wairuna, Papeete; 122,065 bbls, Loosdrecht, Hamburg; 26,700 bbls, San Clemente, Japan
AVIATION — 13,132 bbls, W B Walker, Sydney-Melbourne
GINSENG ROOT — 2 bbls, President Cleveland, Bangkok
GLASS, BROKEN — 644 sks, President Cleveland, Hongkong
PLATE — 1 cs, President Cleveland, Manila
GLUE — 1 cs, Rosebank, Victoria
GUM, ESTER — 3 dms, President Cleveland, Shanghai
GYPSUM — 5 cs, President Cleveland, Hongkong
HYDROGEN, PEROXIDE — 38 cs, 1 bbl, Rosebank, Vancouver
INK — 2 cs, Wairuna, Papeete
PRINTING — (Rosebank) 6 dms, Victoria; 2 dms, Vancouver; (President Cleveland) 1 cs, Yokohama; 5 hlf bbls, 17 cs, Manila; 25 dms, 20 bbls, Hongkong
WRITING — 1 cs, Wairuna, Papeete; (President Cleveland) 40 cs, Manila; 23 cs, Hongkong
KEROSENE — 500 cs, Wairuna, Papeete
LEAD — 40 kgs, President Cleveland, Manila
RED, DRY — 20 kgs, Bokuyo, Lima; (President Cleveland) 8 dms, Hongkong; 5 dms, Manila
LITHARGE — 40 bbls, 34 dms, President Cleveland, Manila
DRY — 8 dms, President Cleveland, Hongkong
LITHOPONE — 8 sks, Rosebank, Vancouver
LYE—3 cs, Wairuna, Papeete
MAGNESIA, BLOCK—11 cs, Rosebank, Vancouver
CARBONATE—(Rosebank) 10 sks, Victoria; 5 bbls, Vancouver
MILK POWDER—3 cs, Wairuna, Papeete; 20 bbls, President Cleveland, Hongkong
MOTOR SPTS—98,467 bbls, W B Walker, Sydney-Melbourne
MUCILAGE—10 cs, President Cleveland, Manila
MUSTARD—5 bbls, Rosebank, Vancouver
OIL, BATCHING—2,202 bbls, W B Walker, Sydney-Melbourne
CITRONELLA—1 cs, Wairuna, Papeete
DIESEL—(Brajara) 38,598 bbls, Japan; 38,588 bbls, Formosa
ENGINE—6 bbls, Bokuyo, Callao
FISH, HARD—100 sks, Bokuyo, Panama
LINSEED—12 kgs, 6 cs, Wairuna, Papeete
LUBRICATING — 1 dm, Wairuna, Papeete; 55 bbls, 60 dms, Heranger, France; (President Cleveland) 51 dms, Yokohama; 66 dms, 571 cs, Kobe; 208 dms, Hongkong; 5 dms, Manila; 2,205 dms, W B Walker, Sydney-Melbourne
MACHINE—3 cs, 1 dm, Wairuna, Papeete
MOTOR—3 dms, 20 cs, Wairuna, Papeete
NAPHTHENIC—243 dms, Heranger, Holland
OLEO—10 bbls, President Cleveland, Manila
OXYGEN—8 cyls, Wairuna, Papeete
PAINT—30 cs, Wairuna, Papeete; (Bokuyo) 13 pls, Callao; 7 cs, Mollendo; 13 pls, 2 dms, 178 cs, 131 kgs, President Cleveland, Manila
PASTE—4 cs, Wairuna, Papeete
4 cs, Kunikawa, Cuba
9 kgs, President Cleveland, Kobe
PREPARED—29 cs, Wairuna, Papeete
THINNER—1 cs, Rosebank, Vancouver
PASTE, LIBRARY—3 cs, President Cleveland, Manila
PETROLEUM, CRUDE—76,693 bbls, Pat Doheny, Shellburn; 1 cs, President Cleveland, Bangkok
PRODUCTS—97,600 bbls, Thorsholm, Japan; (Rosebank) 8 cs, Victoria; 2 cs, Vancouver
REFINED—4,462 cs, W B Walker, Sydney-Melbourne
PIGMENT, BLACK—1 bbl, Rosebank, Vancouver
POLISH—2 cs, Wairuna, Papeete
METAL—2 cs, Wairuna, Papeete
SHOE—3 cs, Wairuna, Papeete; (President Cleveland) 15 cs, Manila; 3 cs, Hongkong
POTASH XANTHATE — 40 dms, Rosebank, Britannia Beach
PUTTY—3 cs, Wairuna, Papeete
RESIN—10 bbls, Rosebank, Victoria
SYNTHETIC—6 dms, President Cleveland, Hongkong
ROSIN—13 bbls, President Cleveland, Shanghai
ROOTS—2 sks, President Cleveland, Kobe
SALT—675 sks, 73 bbls, 4 cs, Wairuna, Papeete; 1,049 tons, Rosebank, Vancouver; 50 bbls, President Cleveland, Hongkong
SAND—1,000 sks, Rosebank, Vancouver
SHEEP DIP—10 dms, President Cleveland, Hongkong
SOAP—8 cs, President Cleveland, Manila
BORAX—10 cs, President Cleveland, Manila
SOFT—1 cs, President Cleveland, Hongong
TOILET—9 cs, Wairuna, Papeete; 1,700 cs, President Cleveland, Shanghai
VETERINARY—2 cs, President Cleveland, Manila
SOAPSTONE, RED—40 sks, Rosebank, Vancouver
SODA—(President Cleveland) 54 cs, Hongkong; 60 bbls, Shanghai
ASH—11 sks, 1 bbl, Wairuna, Papeete
BICARBONATE—2 sks, President Cleveland, Chinnampo
CARBONATE—8 cs, President Cleveland, Manila; 2 sks, Wairuna, Papeete
CAUSTIC—8 dms, Wairuna, Papeete
SAL—5 sks, Wairuna, Papeete
SILICATE—1 dm, Wairuna, Papeete; 52 dms, 21 bbls, 1,010 sks, Rosebank, Vancouver; (President Cleveland) 13 cs, Hongkong; 250 sks, Manila
SULPHIDE—15 dms, Rosebank, Vancouver
SULPHITE—30 kgs, 6 bbls, President Cleveland, Manila
XANTHATE—240 dms, Rosebank, Kimberley
SPRAY, OIL—1 cs, Wairuna, Papeete
SULPHUR—40 sks, Rosebank, Vancouver
DIOXIDE—5 cyls, Rosebank, Vancouver
TAPIOCA—2 sks, Molokai, Guaymas
TOILET PREPS—9 cs, Rosebank, Vancouver; 1 dm, Kunikawa, Panama; (President Cleveland) 223 cs, Hongkong; 1 cs, Tokyo; 108 cs, Bangkok; 1 cs, Osaka; 1,708 cs, Manila
TURPENTINE—18 cs, Wairuna, Papeete; 1 dm, President Cleveland, Shanghai
VARNISH—3 cs, Kunikawa, Cuba; 2 cs, President Cleveland, Manila
WASHING POWDER—1 cs, Wairuna, Papeete; 10 bbls, President Cleveland, Manila
WHITING—20 sks, President Cleveland, Shanghai
YEAST—(President Cleveland) 140 cs, Kobe; 160 cs, Yokohama
ZINC DUST—390 dms, Rosebank, Vancouver

Savannah Exports

Clearance Dates

Algic, June 28; City of Bedford, June 23; Nailsea Meadow, June 25; Tabor, June 24; Tulsa, June 30

CLAY—2,200 bgs, Tulsa, Liverpool-Manchester; 600 bgs, Nailsea Meadow, Hamburg
COTTON LINTERS—883 bls, Nailsea Meadow, Hamburg
DEER TONGUE LEAVES — (Nailsea Meadow) 69 bls, Antwerp; 51 bls, Bremen
GLUCOSE — 56 bbls, City of Bedford, Manila
INSECTICIDE, DRY — 5 ctns, City of Bedford, Hongkong
OIL, CEDARWOOD — 2 dms, Nailsea Meadow, London
PINE — (Tabor) 5 dms, Gothenburg; 5 dms, Gdynia
ROSIN, GUM — (City of Bedford) 50 bbls, Manila; 35 dms, Hongkong; (Tabor) 453 bbls, Oslo; 45 dms, Bergen; 10 dms, Stavanger; 560 bbls, Gothenburg; 22 dms, Malmo; 370 dms, Copenhagen; 387 bbls, Gdynia; 150 bbls, Abo; 200 bbls, Kotka; 800 bbls, Wiborg; 190 bbls, Riga; 30 bbls, Reval; 300 bbls, Prague; (Nailsea Meadow) 700 bbls, London; 100 bbls, Hull; 50 bbls, Antwerp; 450 bbls, Rotterdam; 500 bbls, Hamburg; 170 bbls, Dublin; 2,050 bbls, Czechoslovakia; (Tulsa) 600 bbls, Bristol; 905 bbls, Liverpool; 35 bbls, Glasgow; 25 bbls, Manchester; 625 bbls, Hamburg; (Algic) 160 bbls, Rio de Janeiro; 100 bbls, Santos; 200 dms, Buenos Aires
WOOD — (Tabor) 275 bbls, Stavanger; 130 dms, Gothenburg; 45 dms, Abo; 65 dms, Prague
TURPENTINE — 1,000 bbls, Tulsa, Bristol
GUM — (Tabor) 30 bbls, Oslo; 5 dms, Bergen; 146 dms, Gothenburg; 20 bbls, Stockholm; 325 bbls, Copenhagen; (Nailsea Meadow) 750 bbls, London; 30 bbls, Hamburg; (Tulsa) 150 bbls, Liverpool; 50 bbls, Glasgow; 176 bbls, Manchester; 50 bbls, 28 dms, Hamburg; 50 bbls, Czechoslovakia; (Algic) 10 cs, Rio de Janeiro; 100 cs, Santos

Tampa Exports

Clearance Dates

Laguna, June 25; Wanja, June 23

GASOLINE — 8 dms, Laguna, Belize
OIL, LUBRICATING, RED — 6 dms, Laguna, Belize
PHOSPHATE — 3,950 tons, Wanja, Landskrona

Coastwise Shipments

Galveston Coast Trade

SULPHUR—(Herman F Whiton) 504 tons, San Pedro; 500 tons, Bellingham; 1,650 tons, Portland; 200 tons, Oakland

Los Angeles Coast Trade

GASOLINE—27,807 bbls, Edwin B de Golio, Tacoma; 45,049 bbls, Warwick, Oleum; 7,889 bbls, San Diegan, San Diego; 81,695 bbls, Agwiworld, Seattle; 67,000 bbls, Hagan, Seattle; 4,924 bbls, San Diegan, San Diego
OIL, DIESEL—5,349 bbls, Edwin B de Golio, Tacoma; 10,000 bbls, Hagan, Seattle; 1,459 bbls, San Diegan, San Diego
FUEL—47,000 bbls, Brazos, Port Angeles; 2,000 bbls, Scotia, Eureka

New Orleans Coast Trade

OIL, OLIVE—50 cs, Pawnee, Tampa
SULPHUR, CRUDE—(American Robin) 2,700 tons, Los Angeles; 5,400 tons, Oakland

San Francisco Coast Trade

ACID, CRESYLIC—47 tons, Forbes Hauptman, Brooklyn
ALUMINA SULPHATE—2,800 sks, Coast Trader, Fort Townsend
BORAX—32 tons, Wallingford, Seattle
CHEMICALS—20 tons, Wallingford, Seattle
CHLORINE BLEACH, LIQUID—15 tons, Wallingford, Seattle
COTTONSEED MEAL—30 tons, Wallingford, Tacoma
GLUE THINNER—17 cs, Wallingford, Seattle
LARD SUBSTITUTE—11 tons, Wallingford, Seattle
MILK POWDER—28 tons, Forbes Hauptman, Albany
OIL, LUBRICATING—74 tons, Forbes Hauptman, Port Newark
OLEOMARGARIN—1,000 cs, Samoa, Portland, Ore
PAINT—937 pkgs, Samoa, Portland, Ore
20 tons, Wallingford, Seattle
SALT—233 tons, Wallingford, Seattle
37 tons, Wallingford, Tacoma
1,300 sks, Coast Trader, Seattle
SAND—300 sks, Samoa, Portland, Ore
SODA SILICATE—21 tons, Wallingford, Tacoma

Recent Charters

PETROLEUM—5,659 tons, S S Hoeghray, dirty, Aruba to United Kingdom, 10s; July-August
3,294 tons, S S Nyholm, dirty, Gulf to West Italy, 13s 6d; Adriatic ports, 14s 6d
—— tons (naphtha shipper), dirty, Gulf to Piraeus and Trieste, 15s; July
3,177 tons, S S Elsa, clean, Constanza to Antwerp-Hamburg, 11s; August
3,901 tons, S S Ferm, dirty, Venezuela to two ports West Italy, 11s 9d; July
3,224 tons, S S Ruth, clean, Constanza to Blaye, England, 10s 6d; August
3,560 tons, S S Nina Borthen, clean, Abadan to French Atlantic, 21s 6d; September
SOYBEAN—3,051 tons, S S Troma, Dalny to United Kingdom, Continent, 25s 6d; August

Cargo Ship Arrivals

July 2 to July 15

New York

Agwistar	Tampico*	July 5
American	Portland*	July 15
American Importer	Manchester*	July 5
American Trader	London	July 11
Aquitania	Southampton*	July 12
Astrea	Maracaibo*	July 15
Barbarigo	Trieste*	July 15
Bilderdijk	Rotterdam	July 13
Black Eagle	Rotterdam*	July 5
Black Hawk	Rotterdam*	July 12
Bonheur	Maranham*	July 7
Buenaventura	Port au Prince*	July 11
Caledonia	Glasgow*	July 10
Challenger	Mombasa*	July 13
Chateau Thierry	Cristobal*	July 13
Chickasaw City	Honolulu*	July 6
Chiriqui	Puerto Colombia*	July 7
City of Glasgow	Port Kembla*	July 12
City of Rangoon	Calcutta*	July 15
Clement	Ceara*	July 5
Coamo	Trujillo*	July 11
Conte di Savoia	Naples*	July 13
Cristobal	Cristobal*	July 5
De Grasse	Havre*	July 10
Deutschland	Hamburg*	July 8
Drottningholm	Gothenburg*	July 9
Edwin Christensen	Portland*	July 10
Elin K	Seville	July 13
Europa	Bremen*	July 7
Excello	Thessaloniki*	July 9
Exmoor	Seville	July 15
Exmouth	Istanbul*	July 7
Exochorda	Jaffa*	July 7
Fairfield City	Batavia*	July 15
Fort Amherst	St John's*	July 7
Fort Townshend	St John's*	July 14
Gerolstein	Antwerp	July 14
Glaucus	Hongkong*	July 13
Guido	Hull*	July 5
Greylock	Capetown*	July 10
Hamburg	Hamburg*	July 15
Heddernheim	Gefle*	July 7
Hegira	Seattle*	July 5
Helen Whittier	Seattle*	July 8
Henri Jaspar	Antwerp	July 10
Honolulan	Portland*	July 7
Honomu	Honolulu*	July 11
Ile de France	Havre*	July 6
Ingrid	Paramaribo*	July 12
Jamaica	Cristobal*	July 10
K I Luckenbach	Seattle*	July 7
Kim	Leningrad	July 9
Kosei	Yokohama*	July 8
Liberty	Hull*	July 5
Livenza	Trieste*	July 12
Ludington	Honolulu*	July 15
Machardo	Calcutta*	July 13
Maine	Portland*	July 10
Manhattan	Hamburg*	July 7
Marchen Maersk	Manila*	July 7
Medea	Maracaibo*	July 11
Mexican	Tacoma*	July 13
Mormactide	Gdynia*	July 14
Munargo	Havana*	July 7
Nako	Hongkong*	July 9
Nerissa	Trinidad*	July 6
New Toronto	Lagos*	July 8
Normandie	Havre*	July 11
Orizaba	Vera Cruz*	July 5
Oslofjord	Oslo*	July 14
Padnsay	Takoradi*	July 8
Paul Luckenbach	Seattle*	July 14
Pennsylvania	Tacoma*	July 5
Pilsudski	Gdynia*	July 13
Pipestone County	Dunkirk*	July 8
Pocone	Santos*	July 10
Ponce	La Romana*	July 5
Poseidon	Maracaibo	July 9
President Harrison	Honolulu*	July 5
Puerto Rico	Mayaguez*	July 13
Quaker City	Glasgow	July 12
Robert Maersk	Antwerp*	July 13
Samaria	Liverpool*	July 11
San Jacinto	Mayaguez*	July 7
Santa Inez	Chanaral*	July 11
Santa Maria	San Antonio*	July 6
Santa Rosa	Curacao*	July 11
Saturnia	Trieste*	July 7
Seatrain Havana	New Orleans*	July 12
Seatrain New York	New Orleans*	July 5
Siboney	Vera Cruz*	July 12
Silveray	Singapore*	July 15
Silverwalnut	Manila*	July 12
Southern Prince	Buenos Aires*	July 13
Statendam	Rotterdam*	July 14
St Louis	Hamburg*	July 6
Svaneholm	Norrkoping*	July 9
Texas Trader	Houston*	July 5
Texas Banker	Houston*	July 12
Tosan	Manila*	July 12
Unicol	Calcutta*	July 9
Volendam	Rotterdam*	July 5
Wales	Kobe*	July 6
Washington	Portland*	July 5
West Cusseta	Dunkirk*	July 15
Westernland	Antwerp*	July 5
Western Prince	Buenos Aires*	July 6
Wind Rush	Seattle*	July 13

* And other ports

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended July 6

Anise seed, 42 bags; filthy.
Chlorophyl, 2 cases; restricted use.
Medicinal preparations, 3 cases; false therapeutic claims.
Medicinal preparations, 1 case; false therapeutic claims; chloral hydrate incorrectly declared.
Medicinal preparations, 1 case; dangerous to health.
Nutmegs, 646 bags; restricted use.
Nutmegs (1 shipment) 65 bags; moldy.
Pollack liver oil, 57 drums; restricted use.

Boston

Week Ended July 6

Medicinal preparations, 3 packages; false therapeutic claims.
Mustard seed, 187 bags; filthy.

Los Angeles

Week Ended June 30

Cassia, 158 bales; decomposed (moldy).
Medicinal preparations, 10 pieces; false therapeutic claims.

Philadelphia

Week Ended July 6

Medicinal preparations, 1 package; false therapeutic claims.

San Francisco

Week Ended June 30

Cocoa beans, 334 bags; decomposed.
Medicinal preparations, 8 pieces; false therapeutic claims.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Acid, tobias:—Purchase; Paris, France (6990).
Aluminum chloride:—Purchase; Prague, Czechoslovakia (6974).
Charcoal, animal:—Agency; Cairo, Egypt (6962).
Chemicals, fine:—Purchase and agency; Tel-Aviv, Palestine (6916).
Chemicals, industrial:—Agency; Mexico City, Mexico (6913).
Chemicals:—Agency; Buenos Aires, Argentina (6953).
Drugs:—Purchase and agency; Tel-Aviv, Palestine (6916).
DRUGS:—Agency; Habana, Cuba (7036).
Drugs and pharmaceutical products:—Agency; Cali, Colombia (6938).
Explosives, industrial:—Agency; Bogota, Colombia (6933).
Medicines:—Agency; Toronto, Canada (6985).
Medicines:—Agency; Toronto, Canada (6986).
Paints:—Agency; Bogota, Colombia (7019).
Pharmaceutical raw materials:—Purchase; Antwerp, Belgium (6987).
Pharmaceutical specialties:—Agency; Habana, Cuba (6989).
Pharmaceuticals: — Agency; Tel-Aviv, Palestine (6915).
Pyroxylin plastics: — Purchase and agency; Rio de Janeiro, Brazil (6988).
Rosin:—Agency; Karachi, India (6991).
Soda silicate:—Agency; Manila, P. I. (7001).
Soda metaphosphate:—Purchase and agency; Tumburg, Czechoslovakia (6973).
Superphosphate: — Purchase; Glasgow, Scotland (5918).
Toilet preparations:—Purchase; Baghdad, Iraq (6914).
Turpentine:—Agency; Karachi, India (6991).

Trade Briefs

E. C. B. Fletcher has been appointed the metropolitan New York representative for the Read Machinery Company, York, Pa.

James Snowden, of Snowden & McSweeney, oil producer, this city, has become engaged to Miss Marie Spence Kiely, this city.

Fletcher W. Rockwell, president of the National Lead Company, sailed on the Normandie, June 29, for a six weeks' tour of Europe.

McKesson & Robbins reports net sales of $13,261,565 for May, against $13,503,872 in May a year ago. Total for the first five months was $67,507,309, against $70,131,017 in the same period a year ago.

Mexican Eagle Oil Company officials have charged that the Mexican government has fostered a deliberate campaign to discredit foreign oil interests to confiscate and retain their properties.

Baltimore Paint Salesmen's Club, in conjunction with the Washington Club, held an outing at Crystal Beach, on the Magothy river, June 25. Approximately ninety members and guests were in attendance.

S. C. Zirlin, sales manager for Marine Laboratories, Inc., Brooklyn, has left on an extended business trip. He will visit the company's agencies in the South, on the Pacific coast, and in the Orient. He expects to be away from four to five months.

Fertilizer manufacturers and State agronomists and control officials will meet in the Washington-Youree hotel, Shreveport, La., July 13 at 10 a. m. to determine the list of grades of fertilizers to be offered for sale in Arkansas, Louisiana, Oklahoma, and Texas.

Binney & Smith Company, carbon black and iron oxides, this city, held a golf tournament for employees, June 25, at the Innis Arden Country Club, Old Greenwich, Conn. Philip Solomon took first honors for low gross and Harold McNeill, manager of crayon sales, won the kickers' handicap.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 59 John Street, New York

Equipment Offered

CONSOLIDATED OFFERS.—One solid nickel jacketed agitated vacuum still 100 gallons; ten No. 3 Rotex sifters, motor driven; two 24 inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous: rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

TWO VACUUM shelf dryers 12 and 17 shelves complete units; pebble mills; jar mills; No. 2 Ball & Jewell cutter; rubber lined vacuum kettle. Lawler Engineering Co., Durham avenue and L.V.R.R., Metuchen, N. J.

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street, SPring 7-8955.

FOR SALE—Two 6x8 pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Wanted

TABLET MACHINE, single punch ½ inch small pebble mills, in good working condition but moderate priced. Krauss, 139 Front street, New York, N. Y.

Factories Offered

BRICK FACTORY.—High one story 10,000 sq. ft. concrete floor, live steam available 24 hours/day, railroad siding, yard. Unrestricted district, Newark, N. J. Low rent. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Materials Offered

FOR SALE.—5,000 gallons of high lacquer enamel in three shades of grey. Can be used on machinery, wood or concrete, etc. Can be applied with spray gun or brush. Samples sent to responsible parties. Price very low for entire lot. BOX 908, Oil, Paint and Drug Reporter.

Plant Space

SUBLET PART of plant—Complete paint manufacturing plant including mixers, grinders, centrifugal machines. Also cooking and fusing burners and equipment. Ideally located and well laid out. Ample space and use of machinery to right party. X-Pando Corporation, Long Island City.

Positions Vacant

WANTED:—Thoroughly trained, practical chemist capable of taking over production of latest developments in cold molded asphalt molding material. BOX 894, Oil, Paint and Drug Reporter.

VARNISH CHEMIST wanted to take charge of the formulation and manufacture of varnish products for newly organized concern and to assist in sales management. Give complete details and salary desired. BOX 906, Oil, Paint and Drug Reporter.

LABORATORY SUPERINTENDENT.—Must have actual experience in supervising production, research and control operations in a pharmaceutical plant. Must be thoroughly familiar with requirements of Senate 5 and Senate 1,077. Give complete details of age, education, experience, past connections, references and salary desired in first letter. BOX 916, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMIST M.S. Degree Johns Hopkins, desire to make change; six years with largest effervescent salt manufacture in country; wide experience in tablets; two years as production manager in manufacturing pharmaceutical house; know cost; excellent reference. BOX 909, Oil, Paint and Drug Reporter.

SALES ENGINEER having New York office with twelve years experience in sales and service of paint, chemical process and ceramic equipment wishes to contact machinery manufacturers desiring eastern representation; salary or commission basis. BOX 910, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST, twenty years experience in originating, packaging and manufacturing pharmaceuticals. Special formulas bringing fifty thousand dollars yearly to present employer in south. Wants position in north. Nominal salary and commission. BOX 911, Oil, Paint and Drug Reporter.

DIRECTOR OF RESEARCH, doctor's degree, American, 42 years old with 17 years experience in the pharmaceutical, medicinal line, numerous patents and publications, is seeking a connection with a progressive house where his creative and executive ability can be utilized. BOX 912, Oil, Paint and Drug Reporter.

CHEMIST (Vienna University graduate) experienced in manufacture of inorganic salts, blanc fixe, chrome oxide green and cadmium colors on dry way, iron oxide colors from ferrous chloride liquors and analysis of chemicals. Speaks and writes English, French, German, Roumanian and some Italian. Willing to travel. Moderate salary. BOX 914, Oil, Paint and Drug Reporter.

Positions Wanted

YOUNG COLLEGE graduate with two years experience in the chemical industry has specialized in classification and industrial development of water soluble gums. Desires a laboratory or sales position with a reliable firm. BOX 913, Oil, Paint and Drug Reporter.

EXPELLER OPERATOR.—Position wanted with expeller processing plant. Experienced with the installation, operation and maintenance of Anderson expellers. Knowledge of complete operation of a pyrethrum extract processing plant. BOX 915, Oil, Paint and Drug Reporter.

Services Offered

CHEMISTS and chemical engineers—If you are now unemployed, send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

WE PURCHASE any quantity surplus chemicals, colors, pigments, oils, waxes, drugs, pharmaceuticals and all basic raw materials, as well as by-products, residues and wastes of all kinds. Entire plants bought. Eastern Color & Chemical Co., 143 Nassau street, New York City. COrtlandt 7-7441.

CHECK INVENTORIES.—Cash for any quantity, surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 237 Fourth avenue, New York. STuyvesant 9-0134.

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*See "Equipment Offered" above for our Classified Listings.

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Trade Briefs

Fritz Fenchel, importer of oils, fats, and glycerin, Oberstrasse 130, Hamburg 13, Germany, has changed its firm name to Otto Aldag.

Magnus, Mabee & Reynard, Inc., essential oils and related materials, this city, has moved its Chicago office to room 610, 180 North Wacker drive.

China clay has been found near Quilon, Travancore, India, and the Indian government is reported to have decided to build a ceramic plant in the locality.

Warren M. Barrington, of Johnson & Johnson, has been named chairman of the committee of the 1938-39 advertising and selling course of the Advertising Club of New York.

John T. DeHart, of the DeHart Paint & Varnish Company, Louisville, Ky., of which his father, C. E. DeHart is president, was married to Miss Margaret Elder in Louisville, June 25.

Shell Oil Company has awarded fellowships at Stanford University, California, for the ensuing year to Charles W. Prewett, in petroleum engineering, and C. H. Shomate, in chemistry.

Medicinal Spirits (F. J. Stark and O. A. Barke), Chicago, is to get a hearing in the near future pursuant to an order of W. S. Alexander, Federal Alcohol Administrator, looking to the suspension of the concern's wholesaler's basic permit because of alleged misrepresentation of nonstandard whisky as of medicinal quality.

Anglo-American Oil Company reports that it has struck oil in experimental drilling in Scotland. The well, located near Dalkeith, is said to have had an original flow of 3½ barrels late in June.

Panhandle Eastern Pipe Line Company has taken over the main transmission facilities of the Panhandle Illinois Pipe Line Company, a wholly owned subsidiary, which will be dissolved.

Compagnie Parento, Inc., manufacturer of essential oils, and perfume materials, this city, has moved its Chicago office to larger quarters at 537 South Dearborn street. This branch office is under the management of Edward J. McBrady.

Fertilizer Materials

Markets at Other Centers

—*Continued from page* 53

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $18 to $20; 3 and 50 percent, $22 to $23; 4½ and 50 percent, $26 to $28; grinding hoofs, pigs' toes and waste horn materials, $35 to $40, mostly nominal; cattle jaws, skulls and knuckles, $17 to $18; pork cracklings, soft pressed, $35 to $40; beef cracklings, soft pressed, $30 to $35; hard pressed cracklings, per unit of protein, 60c. to 65c.

San Francisco, July 5.—With the turning of the fiscal year, announcements on the new price ranges of chemical fertilizer materials were still lacking in this market, which naturally remained dormant insofar as these specific commodities were concerned. Elsewhere, spot and nearby demand was running good on animal products and with offerings light, prices strengthened. Fish meals were not figuring to any extent as yet, a lthough during the previous period there was reported the sale of new season Washington meal on the basis of $37.50 per ton. Sellers' ideas are now slightly higher. Prices quoted on chemicals are those in effect during the fiscal period ending June 30 and are now subject to change.

Ruling prices were:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton ex-vessel or warehouse, San Francisco/Oakland; 200-pound bags, $28.30 per ton ex vessel or warehouse, San Francisco/Oakland; bulk lots, $27.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags quoted at 86c. per unit; foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $42 per ton, single bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P. A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal is quoted on the basis of $45 per ton, f.o.b. cars, San Francisco/Monterey, and $44 per ton, Los Angeles. New season, Washington state pilchard meal is quoted on the basis of $38 per ton.

TANKAGE.—Domestic packing house tankage, ground, high grade, quoted nominally on the basis of $3 and 10c. per unit-ton, f.o.b. cars, Los Angeles. Lower grades quoted at $2.65 to $2.70 and 10c. Dry rendered, ground, quoted on the basis of $33 per ton, f.o.b. cars, San Francisco. Unground, dry rendered, quoted on the basis of 55c. per unit.

BLOOD MEAL.—Domestic, $2.70 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic and imported steamed bone meal, quoted according to seller and quality, at from $24 to $27 per ton, delivered Pacific Coast ports.

U.S. Revenue Returns Show Decrease in May

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for May, 1938, compared with May, 1937, as follows:—

Taxes Collected

	May 1938.	May 1937.
Chewing gum	$66,511.57	$75,225.66
Crude petroleum, processed, etc.	80,286.07	75,609.29
Coconut, etc., oils, processed	2,269,477.25	2,327,476.32
Distilled spirits, domestic, excise tax $2 per gallon	17,623,281.27	17,724,448.54
Distilled spirits, imported, excise tax $2 per gallon	1,804,327.76	2,361,603.16
Gasoline	14,380,266.47	16,287,064.01
Lubricating oils	2,365,109.46	2,971,863.62
Matches	153,275.75	753,228.69
Narcotics, including special taxes	32,313.30	32,757.14
Oleomargarin, excise taxes	18,145.40	1,155.60
Oleomargarin, special taxes	86,833.55	87,478.97
Toilet preparations—At 5 percent	533,225.18	472,546.58
At 10 percent	922,903.98	695,964.29
Transportation of oil by pipeline	800,380.10	976,450.41
Total internal revenue	$277,764,976.08	$281,057,599.93

Quantities Taxed

	May 1938.	May 1937.
Distilled spirits, domestic, tax gallons	8,774,753	8,809,398
Distilled spirits, imported, tax gallons	902,164	1,180,802
Distilled spirits, rectified, proof gallons	2,369,679	2,727,439
Oleomargarin, colored, pounds	35,032	60,132
Oleomargarin, uncolored	29,496,100	29,666,000

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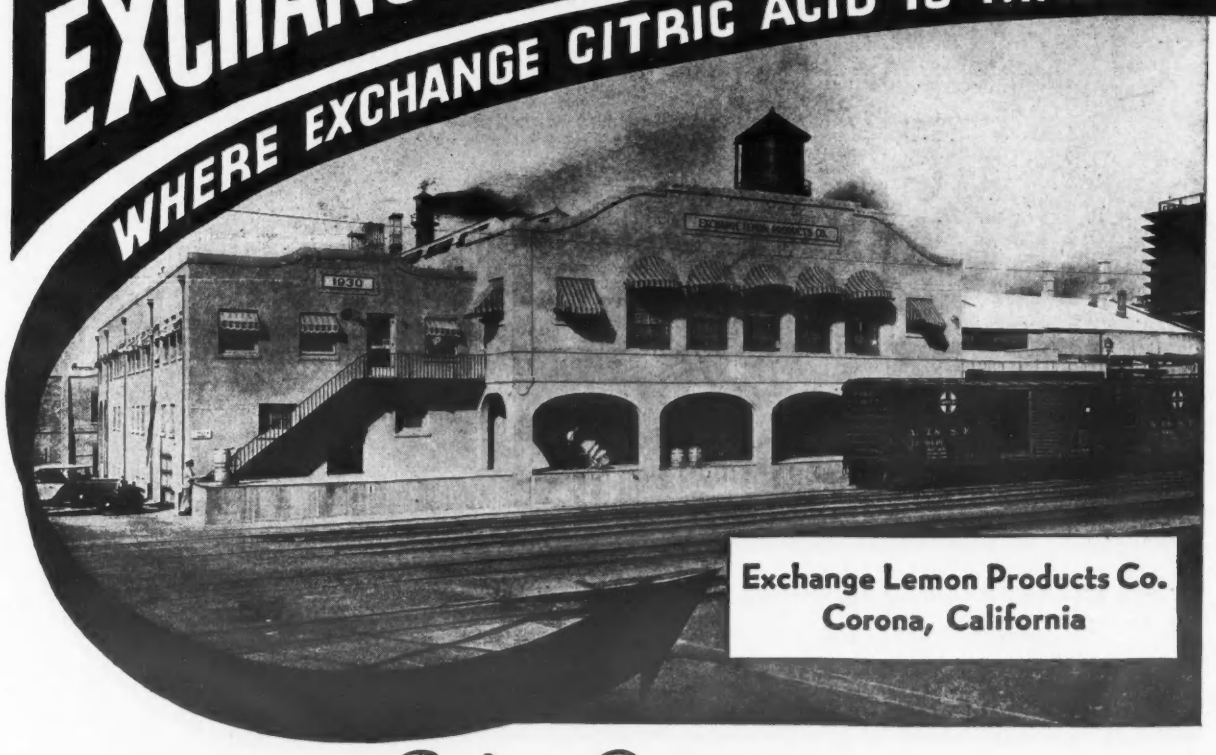

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